

Discover Insights, Learn Faster, and Master Skills with our YouTube Playlist!

Unlock valuable insights, streamline processes, and stay ahead in today's data-driven world.



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DIAGEO



Sterlite Power

All important tools covered:



Gemini

Claude



perplexity



Gamma

Google colab



NotebookLM

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The screenshot shows a YouTube interface with a sidebar on the left containing navigation icons for Home, Shorts, Subscriptions, and a profile icon labeled 'You'. The main content area displays a playlist titled 'Generative AI' by 'Havish Madhvapathy', which has 7 videos and 111 views. Below the title is a 'Play all' button and icons for bookmarking, sharing, and more options. The video thumbnails are arranged in a grid, with the first video, 'Open Session on ChatGPT - November 1', selected. The video details show it has 218 views and was uploaded 1 year ago. The other videos in the playlist are 'Decoding GenAI - Session for IIMK PGP' (219 views, 7 months ago), 'Learn Excel What-If Analysis (Scenario Manager)' (866 views, 3 months ago), 'Reference Lines on Excel, Power BI, Tableau' (820 views, 3 months ago), and 'Consulting Slides - Create Reference Lines' (302 views, 4 months ago).

GENERATIVE AI

This playlist delves into the practical applications of Generative AI, focusing on tools like ChatGPT, Claude, Gemini, Copilot, Perplexity Python, and no-code platforms. It offers insights into leveraging AI for data cleaning, analysis, and creating impactful visualizations. The sessions cover real-world use cases, helping professionals understand and implement AI-driven solutions in their workflows.

3 Key Takeaways:

- ❑ Gain practical knowledge of using ChatGPT and Python for no-code data cleaning, what-if analysis, and automation.
- ❑ Explore the integration of Generative AI tools with Excel, Power BI, and Tableau to enhance analytical and visualization capabilities.
- ❑ Learn how to build and present dynamic reference lines, leveraging AI for more impactful decision-making and storytelling.



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Insights

GENERATIVE AI VIDEOS

EXCEL + CHAT GPT

**SUPERCHARGE
YOUR EXCEL**





EXCEL + CHAT GPT

**SUPERCHARGE
YOUR EXCEL**



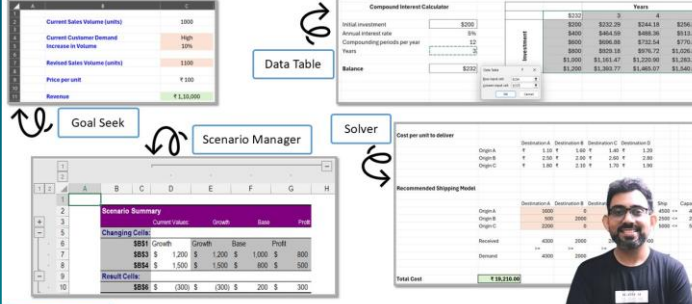


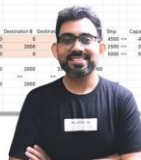
DIAGRAMS, INFOGRAPHICS, MOCKUPS WITH GEN AI





LEARN EXCEL WHAT-IF ANALYSIS





BUILD REFERENCE LINES





**UNLEASHING THE POWER
OF GEN AI IN EXCEL
WORKSHOP**

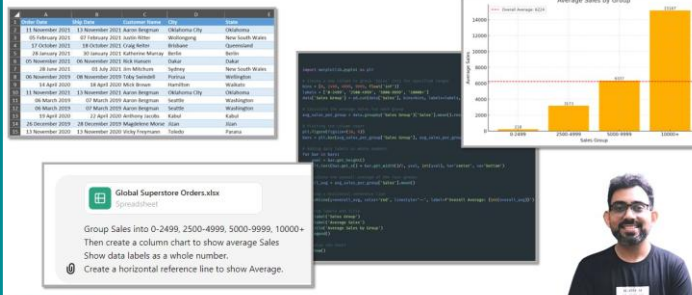
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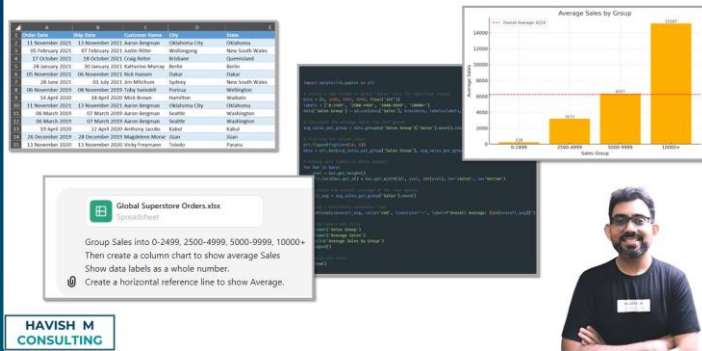


CHAT GPT + PYTHON NO-CODE





CHAT GPT + PYTHON NO-CODE



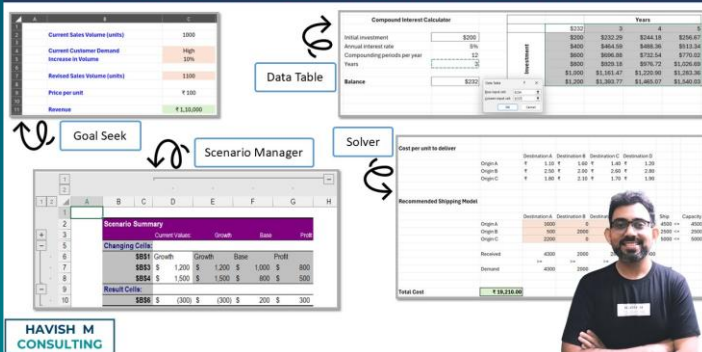
No-Code Data Analysis: The presenter shows how to upload Excel files to ChatGPT to automatically generate and execute Python code for descriptive statistics, data visualization, and advanced analytics like cluster and RFM analysis.

Automated Data Cleaning (ETL): The tutorial illustrates how AI can handle complex data preparation, such as merging multiple historical files, splitting columns, mapping data via lookups, and unpivoting tables.

Integration with Modern Tools: It emphasizes that Python is becoming a standard skill for data professionals, as it is now integrated directly into Excel (via Microsoft 365) and used as the engine for AI-driven insights.



LEARN EXCEL WHAT-IF ANALYSIS



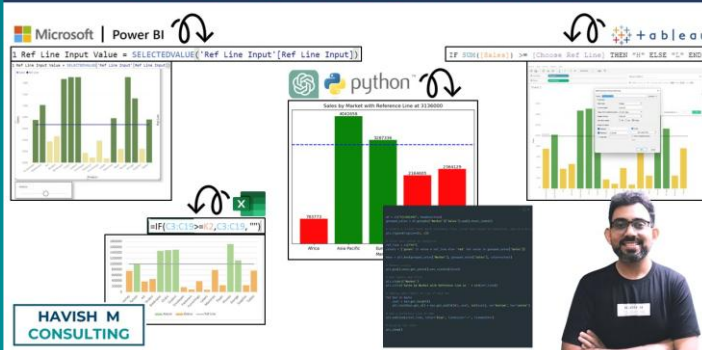
Core What-If Tools: The tutorial covers Scenario Manager for comparing different data sets (like optimistic vs. pessimistic views), Goal Seek for finding the specific input needed to reach a target result, and Data Tables for seeing how changing one or two variables affects a formula's outcome.

Optimization with Solver: It introduces Solver as the most advanced tool for linear programming. This is demonstrated through a "Transportation Problem" for Unilever, where the goal is to minimize shipping costs while respecting warehouse capacity and distributor demand constraints.

Modern Enhancements: Beyond standard features, the guide shows how to integrate Generative AI (Gemini) to write VBA code for faster Goal Seek iterations and how to use Python within Excel for dynamic data visualization and complex calculations.



BUILD REFERENCE LINES

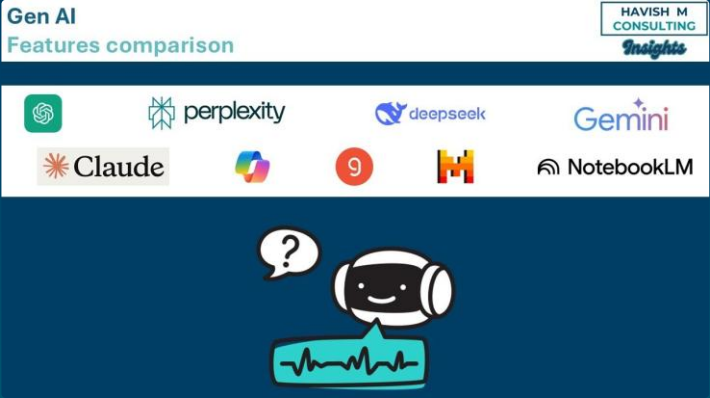


Multi-Tool Implementation: The tutorial shows how to build interactive charts where a reference line can be adjusted by the user (using sliders or input boxes), automatically changing bar colors to highlight values above or below a specific threshold.

No-Code to Low-Code Workflows: It emphasizes using Generative AI (ChatGPT) to write complex Python and DAX code, allowing users to create sophisticated visualizations in Google Colab or Excel without being expert programmers.

Business Application: It highlights how top consulting firms use reference lines to provide contextual benchmarks, improve visual clarity for leadership, and highlight key trends or outliers in datasets.

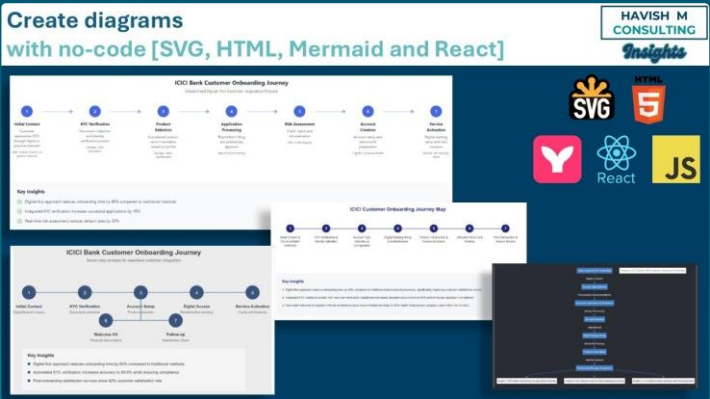




Multi-Platform Overview: The video provides a detailed walkthrough of leading general-purpose AI tools as of February 2025, including ChatGPT, Google Gemini, Claude, NotebookLM, Perplexity, DeepSeek, and Microsoft Co-pilot.

Distinctive Features: It highlights unique capabilities such as ChatGPT's "Canvas" for inline editing, Claude's superior JavaScript-based data visualization, NotebookLM's "Audio Overviews" for document analysis, and Perplexity's strengths in real-time web research.

Microsoft Integration: The guide demonstrates how AI is integrated directly into the Microsoft 365 ecosystem, showing practical applications of Co-pilot for data analysis in Excel, document drafting in Word, and slide creation in PowerPoint.



Dynamic Visualizations: Claude Artifacts can generate a wide variety of visual content, including Mermaid diagrams for process flows, SVG infographics, interactive React-based charts, and even functional HTML mockups or calculators.

External Integration: While Artifacts are viewed within Claude, you can copy the generated code (like Mermaid syntax) into external editors such as MermaidChart.com to further customize, style, and export high-resolution images.

Data Analysis and Iteration: You can upload Excel files and ask Claude to build interactive dashboards or complex charts with hover effects using JavaScript; if errors occur or adjustments are needed, you can refine the output through natural language prompting.



Structure Your Prompts: Effective prompting requires moving beyond simple requests by including specific components like task description, background context, persona roles (for both you and the AI), specific constraints, and desired output formats.

Leverage Built-in Tools: Use features like "Custom Instructions" or "Saved Info" in ChatGPT, Gemini, and Claude to store your professional background and preferences, ensuring the AI consistently provides relevant and personalized responses without you having to repeat yourself.

Iterate and Archive: Improve results by "chunking" complex requests into smaller steps, asking the AI to refine your initial prompts, and saving successful interactions as PDFs or screenshots to build a personal library of effective prompt strategies for future use.





Practical Excel Automation: The session demonstrates how ChatGPT can provide step-by-step instructions for complex Excel tasks, such as filling blank cells, writing nested formulas, and translating logic into functional code like Lambda or VBA.

Formula Deconstruction and Learning: The speaker highlights using ChatGPT to explain existing complex formulas and even act as an "interviewer" to test a user's understanding of the logic, which helps in deconstructing legacy files.

The Importance of Prompt Engineering: A central theme is that while AI is powerful, success depends on the user's ability to "prompt" correctly. The speaker emphasizes that AI won't replace jobs, but people who know how to use AI will.

Natural Language Problem Solving: Users can describe an Excel task in plain English (e.g., "fill all blank cells with the value above") and receive step-by-step instructions or keyboard shortcuts that solve the problem efficiently.

Formula & VBA Automation: ChatGPT can generate complex formulas from logical descriptions, explain existing "mystery" formulas step-by-step, and write VBA macro code from scratch—such as creating an automated Table of Contents for a workbook.

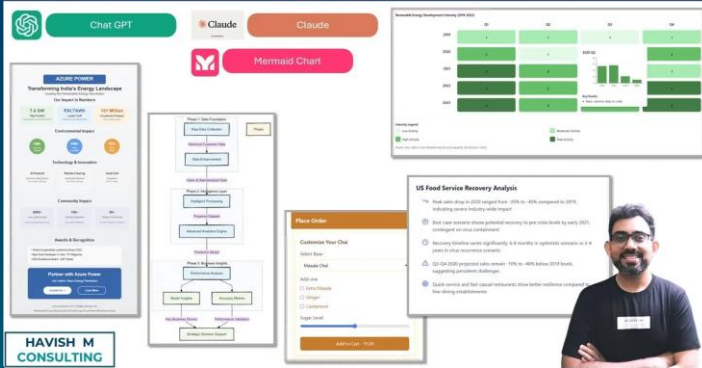
Data Simulation & Optimization: The tool can instantly generate randomized dummy data with specific parameters (like "80% high responses") and refactor existing programming code to make it more concise and efficient.

Formula & Code Automation: The session demonstrates how to use AI to write complex Excel formulas, create reusable custom functions (Lambdas), and generate VBA code for task automation without needing deep programming knowledge.

Data Visualization & Insights: The speaker shows how to upload Excel files to AI to automatically generate Python-based charts, perform trend forecasting, and extract descriptive business insights from existing screenshots and data tables.

Advanced AI Integrations: It explores professional tools like Microsoft 365 Co-pilot, Anaconda for Python in Excel, and Excel Labs, which allow users to run AI prompts directly within cells to fetch real-time data or clean information.

DIAGRAMS, INFOGRAPHICS, MOCKUPS WITH GEN AI



Diagramming and Visualization: The session demonstrates how to use Generative AI tools like Claude and ChatGPT to instantly create professional flowcharts, organizational charts, and Gantt charts using a language called Mermaid syntax.

Interactive Mockups: It showcases the ability to build dynamic web and mobile app wireframes, including functional elements like savings calculators with sliders and interactive dashboards, directly from text prompts or screenshots.

Data Analysis and Reporting: The video explains how to transform complex technical data, such as Excel files, Python code, or lengthy PDF reports, into simplified infographics and visual summaries suitable for non-technical stakeholders.



GEN AI FOR ACADEMIC OUTLINES



Sequential Tool Workflow: Use Gemini first to conduct online research and gather credible resources (PDFs, articles, links), then upload those sources to NotebookLM for precise summarization and theme extraction, and finally use ChatGPT for structured content curation and instructional design.

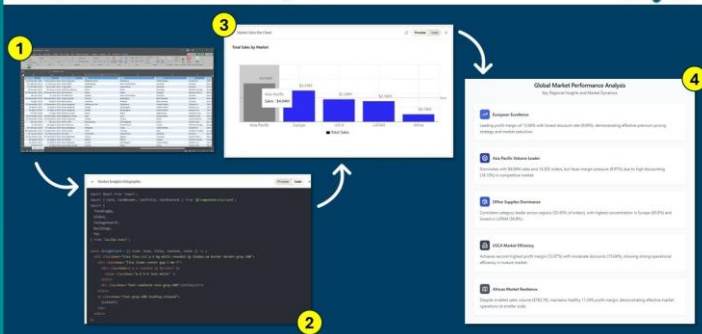
Specialized Roles for Each AI: Rely on Gemini's internet browsing for sourcing, NotebookLM for "grounding" responses solely in your provided documents to ensure accuracy, and ChatGPT for its superior role-playing and formatting capabilities to build the final session-by-session breakdown.

Iterative Prompt Engineering: The process emphasizes using multi-step prompts (telling the AI to "wait" and "acknowledge" before generating) and providing specific feedback to refine sections, ensuring the final output aligns perfectly with the target audience and academic standards.



Analyze Excel Files with No-Code

Analysis > Visualize > Insights



Platform Comparisons: ChatGPT and Google Gemini primarily use Python (specifically the Pandas and Matplotlib libraries) to process data and generate charts, while Anthropic Claude utilizes JavaScript and React to create interactive components and infographics.

Natural Language Data Analysis: Users can perform complex tasks like creating pivot-style tables, generating scatter plots, and formatting charts (e.g., changing colors or adding data labels) using simple, non-technical prompts.

Advanced Visualizations and Insights: Beyond basic charts, the tools can extract key business insights from the data, with Claude specifically highlighted for its ability to generate McKinsey-style infographics and SVG-based visual summaries.

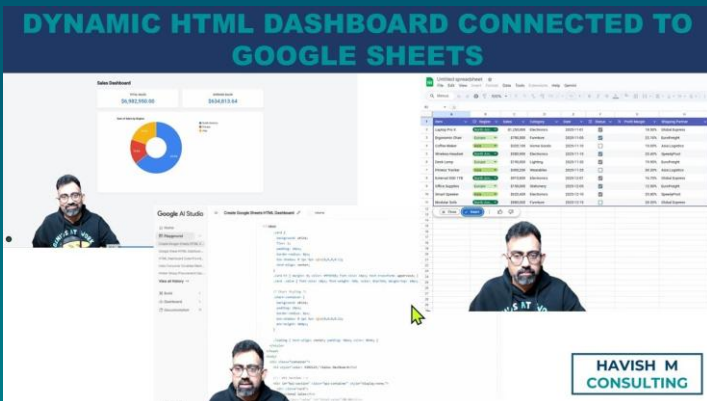




9-Box Grid Strategy: The tracker uses a 3x3 matrix to categorize staff, identifying "star employees" (high performance/high potential) while helping organizations plan development or role realignments for others.

Industry Customization: While core metrics like ID and performance scores are standard, trackers should be tailored to specific sectors (e.g., BFSI) to include relevant KPIs like monthly targets or attrition risk.

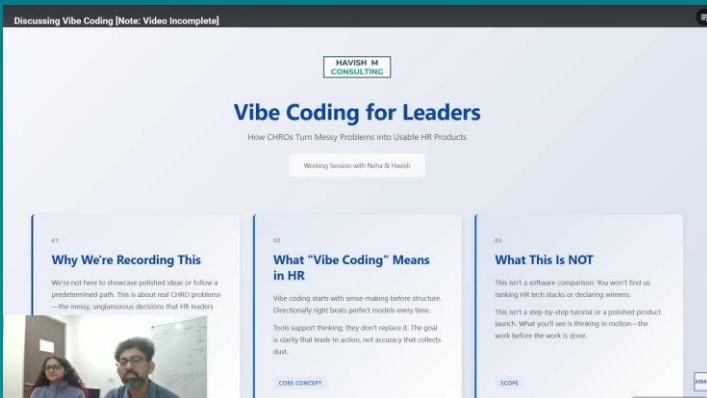
Rapid Prototyping with AI: Generative AI tools like ChatGPT and Claude can significantly speed up development by ideating specific data fields and instantly generating HTML code for functional, visual prototypes.



Project Overview: The video demonstrates how to create a dynamic HTML dashboard that uses Google Sheets as a database, allowing data updates in the sheet to reflect automatically on the dashboard.

AI-Assisted Coding: The creator uses Google AI Studio to generate the necessary Google Apps Script and HTML code by providing a screenshot of the data and a prompt detailing the desired KPIs (average and total sales) and charts.

Deployment: The process involves pasting the generated code into the Google Sheets Apps Script editor and deploying it as a web app, resulting in a shareable URL that hosts the live, functional dashboard.

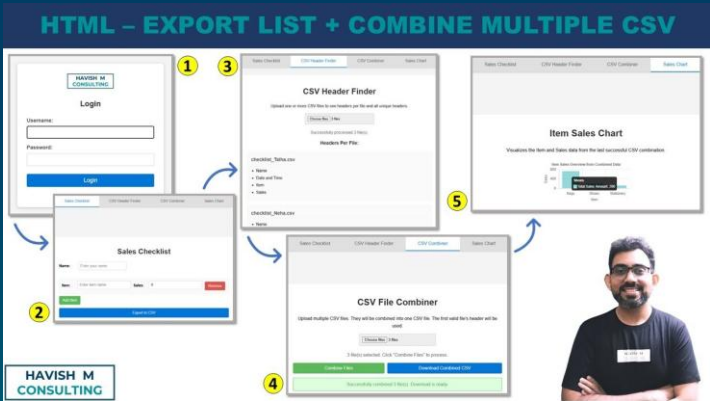


Vibe Coding and Rapid Prototyping: The speakers define "Vibe Coding" as a process focused on quickly creating a "60% solution" or initial prototype rather than a polished end product, allowing leaders to ideate and iterate on the fly during meetings.

Workflow for HR Leaders: The session demonstrates a workflow for building a talent tracker by moving from initial idea generation in ChatGPT to visual mapping with Markmap and process charting using Mermaid code.

Strategic Problem Solving: Using a high-attrition scenario in the BFSI (Banking, Financial Services, and Insurance) sector as an example, they showcase how to refine AI prompts and use chain-of-thought prompting to identify critical metrics like talent risk and performance.

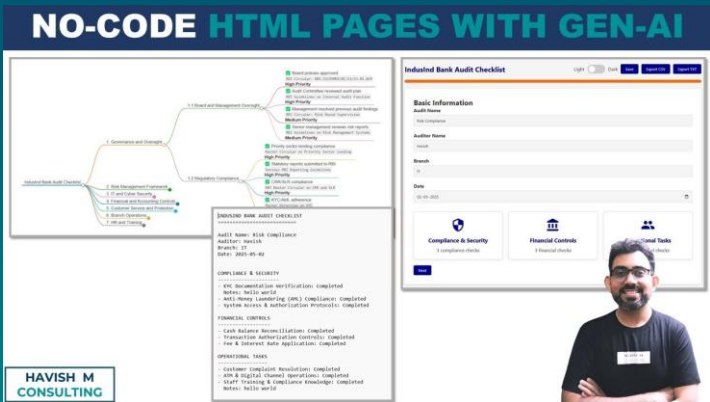




Custom Data Entry: The tutorial shows how to create an HTML form that allows users to enter items and sales values, which can then be exported as individual CSV files.

Automated Management: It features the development of a "Header Finder" to check if multiple CSV files have matching columns and a "Combiner" to merge different files into one master sheet.

Visual Analysis: The final tool includes a dashboard with a login page and a dynamic chart that visualizes item-wise sales data directly from the combined files.



Generative AI for Web Design: The video demonstrates how to use AI tools like Claude, ChatGPT, and Google AI Studio to create functional HTML/CSS/JavaScript web pages—such as audit checklists—without writing manual code.

Workflow Integration: The process involves using AI to brainstorm ideas, generate structured code, and then utilizing secondary tools like Markmap for visualization or Tiny Host for immediate online deployment.

Advanced Features & Comparison: It showcases how to prompt for specific interactive elements like progress bars, dark/light modes, and data export (CSV/Text) while comparing the design quality and logic across different AI models.



Integration of Gen AI Tools: The session demonstrates how to leverage tools like ChatGPT and Claude to automate complex Excel tasks, including writing intricate formulas, generating VBA code for automation, and creating reusable Lambda functions.

Advanced Data Visualization: The presenter showcases how to transform static Excel data into dynamic, interactive dashboards and HTML pages using AI-generated React and JavaScript code, as well as creating heatmaps and automated insights from pivot tables.

Python in Excel: A significant portion of the video highlights the recent integration of Python within Excel, showing how users can run Python scripts directly in cells to perform advanced statistical analysis (like K-means clustering) and create high-quality charts.

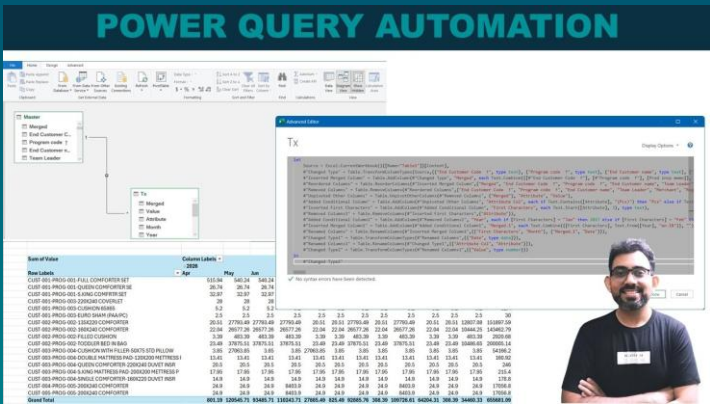




Evaluating Developer AI Tools: The video provides a detailed walkthrough and comparison of technical development platforms, specifically analyzing Claude Code, Codex, and Replit to see how they stack up against standard tools like Google AI Studio.

Demystifying Technical Concepts: The hosts explain complex technical terminology for non-technical users, breaking down concepts such as Model Context Protocol (MCP) versus traditional APIs, synchronous versus asynchronous coding, software development kits (SDKs), and data encryption.

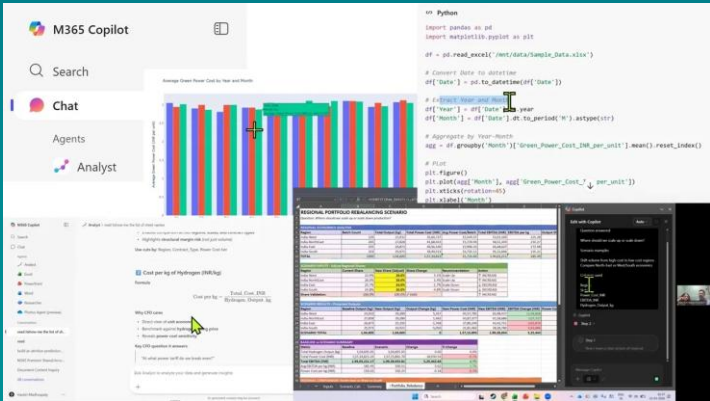
The Importance of Tech Literacy: The discussion emphasizes that business users and consultants must build a fundamental understanding of these backend development frameworks, as AI integration has made technical familiarity essential across all professional domains.



Separating Dim and Fact Tables: The raw data file is duplicated into two separate tables: a "Master" dimension table that captures unique records, and a "Transactions" fact table that isolates month-wise values mapped together by a concatenated unique identifier.

Unpivoting and Standardizing Attributes: In the transactions table, sixty wide columns representing monthly attributes are unpivoted into a normalized rows format, followed by using a conditional column to clean up inconsistent text labels like units, values, and currencies.

Creating Temporal Fields & Data Modeling: Chronological values are extracted and combined with conditional years to build dynamic date fields, which are then loaded into the Power Pivot data model to establish a one-to-many relationship for dynamic dashboard reporting.



Initial Data Profiling and ETL: The process starts by uploading a raw multi-year financial dataset to Copilot Analyst and ChatGPT to profile the data structure, automatically creating data dictionaries and establishing key variables like drivers, dimensions, and outcome metrics.

KPI Exploration & Interactive Plotly Charts: Financial performance recommendations are generated tailored for a CFO, leading to a breakdown of green bar costs over time and creating interactive visualizations using the Plotly library for customizable layout exploration.

Scenario Modeling & Predictive Forecasting: The workflow selects regional rebalancing options to generate formula-driven Excel sheets for upside/downside parameters before concluding with predictive EBITDA forecasting that balances historical variables against steady-state trends.

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by Havish Madhvapathy

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004 Build Prototypes

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005 Get Insights

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1:10

006 Create Slide Content and Slides

GENAI FOR FINANCE

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YouTube Premium interface showing a playlist titled "Marketing Channel Performance Analytics..." by Havish Madhvapathy. The playlist includes 7 videos with 106 views. The first video, "Clean Raw Data", is highlighted. The video thumbnails show various Tableau dashboards and charts, including "Clean Raw Data", "Cost by Source and Week, Ref Line", "CAC and Conversion", "Scatter Chart and Quadrant", "Tooltip and Story", and "Weighted Score".

MARKETING CHANNEL PERFORMANCE ANALYTICS



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POWERPOINT

by Havish Madhvapathy

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5 **PowerPoint Open Session [11 March 2020]**
Havish Madhvapathy • 423 views • 3 years ago

Automate Excel Charts to PowerPoint in 1

POWERPOINT

This playlist is a comprehensive guide to mastering PowerPoint, focusing on creating stunning slides, integrating with Excel, and automating presentations. It equips users with practical tips and advanced techniques for designing impactful and professional presentations.

3 Key Takeaways:

- ❑ Learn to create high-quality slides by using custom icons, storytelling methodologies, and design principles that captivate audiences.
- ❑ Discover how to connect PowerPoint with Excel for dynamic data presentations and automate tasks such as embedding charts in one click.
- ❑ Explore advanced techniques, including connecting PowerPoint with other tools like Word and leveraging automation to streamline the presentation process.



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FEATURED IN MEDIA

COMPLETE POWERPOINT COURSE...

by Havish Madhvapaty

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COURSE STRUCTURE AND RESOURCES

2:09

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DECONSTRUCT CONSULTING PRESENT

7:40

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GESTALT PRINCIPLES OF DESIGN

COMPLETE POWERPOINT COURSE

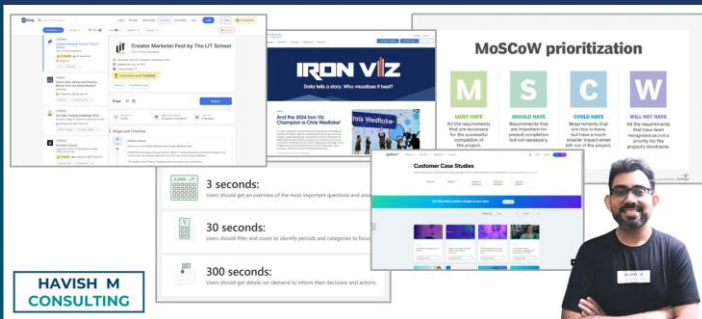
This playlist is a step-by-step guide to mastering PowerPoint, designed for creating impactful and professional presentations. It covers everything from basic functionalities like working with templates and shapes to advanced topics such as animations, integration with Excel, and storytelling techniques. Perfect for beginners and professionals alike, this course enhances both technical skills and design capabilities.

3 Key Takeaways:

- ❑ Learn the principles of design, effective use of colors, and working with templates to craft visually appealing and consistent presentations.
- ❑ Explore advanced features such as smart art, morph animations, and connecting Excel tables to add dynamism and interactivity.
- ❑ Develop storytelling and storyboarding skills to create engaging narratives, backed by efficient navigation and export options for seamless delivery.



BUILD A KILLER PORTFOLIO FIND DATASETS & PRESENT LIKE A PRO!



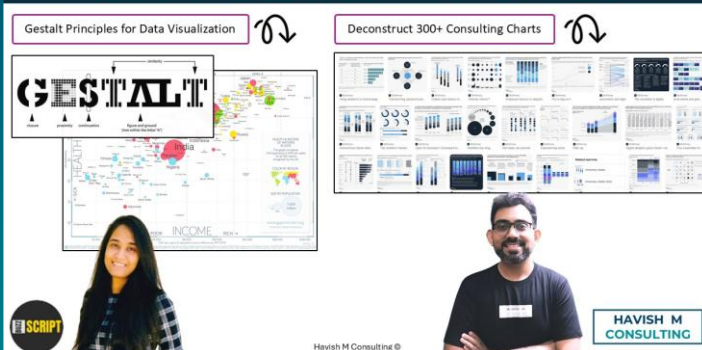
Learn from Proven Examples: Instead of starting from scratch, analyze winning entries from competitions like Maven Analytics or Tableau's "Iron Viz." Use established business frameworks (like those from Bain or KPMG) and make minor adjustments to fit your specific data needs.

Leverage Professional Visuals: Use high-quality diagrams and consistent color palettes to communicate complex data. Tools like Lucid for mind mapping and process charts can make your work look significantly more professional and organized than standard spreadsheets.

Focus on Communication and Storytelling: Effective presentation requires a "3-30-300" second rule: the audience should understand the main metric in 3 seconds, zoom in within 30 seconds, and make a decision within 300 seconds. Reading corporate "customer stories" from companies like SAP or AWS can help you learn the professional language needed to describe your impact.



LEARN GESTALT PRINCIPLES



Core Concepts: Jasmine introduces the fundamental Gestalt principles—Proximity, Similarity, Closure, Enclosure, Continuity, Symmetry, and Figure/Ground—explaining how they help the human brain organize complex visual information into meaningful patterns and groups.

Professional Application: Havish demonstrates how top-tier consulting firms like McKinsey and BCG utilize these principles to create high-impact charts, providing specific search techniques to find and study professional report templates.

Practical Tools and AI: The session includes live demonstrations on how to implement these design principles using tools like Power BI and Tableau, and concludes with how generative AI (like Gemini) can be used to audit and improve dashboard designs.



BUILD REFERENCE LINES LIKE:



Multi-Platform Application: It demonstrates how to build interactive charts where reference lines act as benchmarks (like industry averages or sales targets), allowing for visual comparisons and "above/below" color-coding.

Dynamic Interactivity: The tutorial emphasizes user-driven control, showing how to use slicers in Power BI, parameters in Tableau, and scroll bars or input boxes in Excel and Python to move reference lines in real-time.

AI-Assisted Analysis: A significant portion highlights the future of data work, showcasing how Generative AI can write complex Python and visualization code from simple natural language prompts, even for those without a programming background.





Workflow Efficiency & Customization: The video highlights time-saving techniques such as using keyboard shortcuts, customizing the Quick Access Toolbar, and organizing slides into sections to manage complex presentations effectively.

Design & Visual Storytelling: It emphasizes the importance of color psychology, high-quality typography, and consistent formatting to evoke specific brand sentiments and ensure readability, similar to top-tier consulting firms.

Advanced Visual Effects: Detailed tutorials are provided on using the Morph transition and Zoom effects to create dynamic, cinematic animations that help guide the audience through data and complex processes.



POWER BI

POWER BI
by Havish Madhvapathy
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2 POWER BI FOR FINANCE
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5 Show Items in Custom Order in Power BI
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POWER BI

This playlist is a complete guide to mastering Power BI, covering everything from foundational concepts to advanced analytics. It provides a hands-on approach to creating dashboards, working with DAX functions, and integrating Power BI with other tools like Excel and Tableau for data storytelling.

3 Key Takeaways:

- ❑ Learn the full spectrum of Power BI capabilities, from basic visualization techniques to advanced DAX functions, data modeling, and dynamic reporting.
- ❑ Understand the interoperability between Power BI, Tableau, and Excel to leverage the strengths of each tool for seamless data analysis and visualization.
- ❑ Explore practical examples such as YOY analysis, currency formatting, partial year reporting, and building calculated columns, equipping users with actionable insights for business decisions.



POWER BI COMPLETE COURSE - 2023
by Havish Madhvapathy
Playlist • 63 videos • 1,984 views

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DOWNLOAD AND INSTALL

POWER BI COMPLETE COURSE

This playlist is an extensive guide to mastering Power BI, covering everything from the basics of data visualization to advanced DAX (Data Analysis Expressions).

It provides hands-on training in creating reports, dashboards, and models while introducing key concepts such as Power Query, advanced charting techniques, and data transformations. This course is designed for professionals aiming to leverage Power BI for business intelligence and analytics.

3 Key Takeaways:

- ❑ Learn to use Power BI for data modeling, transformations, and advanced visualizations such as scatter plots, maps, and decomposition trees.
- ❑ Gain a solid understanding of DAX functions, including measures, calculated columns, and quick measures, to perform in-depth analysis.
- ❑ Explore Power Query's capabilities for cleaning, combining, and transforming data, along with advanced features like bookmarks, drill-through, and custom tooltips for dynamic reporting.



POWER BI VS TABLEAU



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Tool Capabilities: Power BI is highlighted for its seamless integration with the Microsoft ecosystem (Excel, PowerPoint) and strong data modeling features like DAX and Power Query. Tableau is presented as superior for high-end, flexible visualizations and complex mapping.

Practical Applications: The session demonstrates real-world workflows, including connecting to data sources, creating interactive dashboards (like scatter charts for profit analysis), and using AI-driven features like Natural Language Q&A to generate visuals.

Professional Development: Beyond technical skills, the workshop emphasizes the importance of data storytelling and automation. It encourages professionals from non-technical backgrounds to learn basic coding logic to remain competitive in data-driven roles.



POWER BI FOR FINANCE
COMPLETE 4 HOUR COURSE

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DATA VISUALIZATION
POWER QUERY
DAX
NO-CODE AI

Learn the No. 1 BI tool in the world from
Microsoft Partner
Power BI Certified Analyst
Microsoft Certified Trainer
and Microsoft Office Specialist

HAVISH M
CONSULTING

Excel and Power BI Complementarity: Power BI is presented as a powerful complement to Excel for finance professionals. While the back-end data preparation (ETL) via Power Query and data modeling via DAX are common to both, Power BI excels in creating dynamic, interactive dashboards and full-stack business intelligence solutions.

Essential Data Modeling (DAX): The video emphasizes the importance of Data Analysis Expressions (DAX) and the creation of dedicated date tables. These are prerequisites for "time intelligence" functions, allowing users to perform complex financial analyses like Year-to-Date (YTD) tracking and quarter-over-quarter comparisons.

Advanced Visualization Techniques: The tutorial demonstrates how to build and customize various financial reports, including waterfall charts for tracking changes, ribbon charts for ranking, and scatter plots with clustering to identify outliers in financial ratios like P/E and ESG rankings.



POWER BI SESSION EY



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Custom Tooltips and Formatting: The session demonstrates how to create custom report page tooltips by resizing pages and using conditional formatting to highlight key performance indicators like profit and loss.

Advanced Analytics and Clustering: It covers the use of DAX for calculating profit margins and introduces machine learning features like "K-means clustering" to automatically group customers based on sales and profitability.

Interactive Insights: The training highlights interactive features such as "Quick Insights" for automated data trends, the "Q&A" natural language query tool, and the "Infographic Designer" for creating more engaging visual reports.



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USE CASE: COMBINE TEXT IN SINGLE CELL

POWER QUERY

by Havish Madhvapathy

Playlist • 50 videos • 272 views

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7 - POWER QUERY - COMBINE FROM MUL

Havish Madhvapathy • 9 views • 6 months ago

POWER QUERY

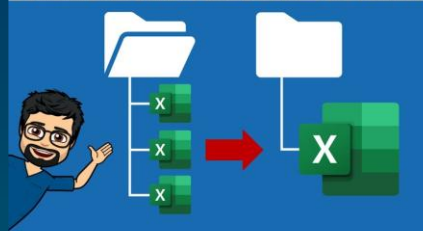
This playlist is a comprehensive guide to Power Query, highlighting its capabilities in transforming and automating data workflows. It focuses on simplifying data preparation, merging datasets, and performing complex data transformations efficiently within Excel and Power BI.

3 Key Takeaways:

- ❑ Learn to clean, merge, and transform data from multiple sources and formats using Power Query's powerful tools and intuitive interface.
- ❑ Master techniques to handle mismatched columns, fill missing data, and normalize datasets for accurate analysis and reporting.
- ❑ Explore how Power Query seamlessly integrates with Excel and Power BI, automating repetitive tasks like unpivoting data and combining multiple files for scalable data solutions.



COMBINE MULTIPLE EXCEL FILES AUTOMATICALLY



HANDLE DIFFERENT SITUATIONS:

1. Files have same template
2. Data starts in cell other than A1
3. Column order is inconsistent
4. Column case sensitivity is mismatched
5. Column spelling is mismatched
6. Column is missing
7. Additional column is present
8. Two columns have same name
9. Two headers are present
10. Hidden sheets are present in workbook
11. Sheet names are not same
12. Hidden files are present in folder
13. Sheet is protected with password
14. File is encrypted
15. Parent folder has sub folders
16. Multiple sheets in same workbook
17. Multiple sheets in multiple workbooks

HAVISH M CONSULTING available on: **GitHub**

Automated Consolidation: The tutorial demonstrates how to use Power Query in Excel or Power BI to automatically merge multiple files from a folder, eliminating the need for manual copy-pasting.

Handling Inconsistencies: It provides solutions for common real-world data issues, such as files having different column orders, varying header spellings, missing columns, or hidden sheets.

Advanced Data Cleaning: The video covers complex scenarios like managing multi-row headers, combining specific sheets across different workbooks, and processing files even if they have certain protection settings.



WHAT IS DAX (Data Analysis Expressions)
The DAX language was created specifically for the handling of data models, using formulas and expressions.

DAX is used in several Microsoft Products such as Microsoft Power BI, Microsoft Analysis Services and Microsoft Power Pivot for Excel.

These products all share the same internal engine, called Tabular.

DATA ANALYSIS EXPRESSIONS (DAX)
by Havish Madhvapathy
Playlist • 21 videos • 230 views

1 **001 WHAT IS DAX**
Havish Madhvapathy • 55 views • 6 months ago • 5:08

2 **002 OVERVIEW OF DATA AND INTERFACE**
Havish Madhvapathy • 26 views • 6 months ago • 13:02

3 **003 FIRST DAX MEASURE**
Havish Madhvapathy • 16 views • 6 months ago • 9:06

4 **004 PROFIT MARGIN**
Havish Madhvapathy • 16 views • 6 months ago • 4:05

5 **005 SUMX**
Havish Madhvapathy • 18 views • 6 months ago • 9:05

006 PRACTICAL POWER BI EXAMPLES
Havish Madhvapathy • 20 views • 6 months ago

DATA ANALYSIS EXPRESSIONS (DAX)

This playlist provides a comprehensive guide to mastering Data Analysis Expressions (DAX), a formula language specifically designed for data modeling and analysis in Microsoft Power BI and related tools.

The series covers foundational concepts such as creating basic measures and advanced techniques, including RANKX, CALCULATE, and GROUPBY, enabling users to derive powerful insights from complex datasets.

3 Key Takeaways:

- ❑ Understand the fundamentals of DAX, including its syntax, data types, and foundational functions like SUMX and CALCULATE.
- ❑ Learn to utilize advanced DAX functions such as RANKX, DISTINCTCOUNT, and USERELATIONSHIP for dynamic data modeling and analytics.
- ❑ Explore practical applications like filtering data, handling time intelligence, and optimizing performance for robust data analysis..



TABLEAU

TABLEAU
by Havish Madhvapathy
Playlist • 10 videos • 413 views

1 **TABLEAU 3 HOURS COMPLETE COURSE**
Havish Madhvapaty • 776 views • 2 years ago

2 **TABLEAU LEVEL OF DETAIL (LOD) - 12 PROBLEMS COVERED**
Havish Madhvapaty • 580 views • 2 years ago

3 **Power BI + Tableau Open Workshop [12 AUGUST 2022 | 7PM - 8.30PM]**
Havish Madhvapaty • 437 views • 2 years ago

4 **Power BI (DAX) vs Tableau (LOD) vs Excel**
Havish Madhvapaty • 1.9K views • 2 years ago

5 **YOY Growth in Power BI vs Tableau**
Havish Madhvapaty • 839 views • 2 years ago

Dynamic Ref Line on Excel, Power BI and Tableau
Havish Madhvapaty • 497 views • 2 years ago

TABLEAU

This playlist offers a structured walkthrough of Tableau, emphasizing its power in data visualization and analysis. From foundational concepts to advanced techniques, it bridges the gap between Tableau and other tools like Excel and Power BI, making it a versatile guide for data professionals.

3 Key Takeaways:

- ❑ Master the art of creating compelling dashboards and visualizations using Tableau's advanced features, such as Level of Detail (LOD) calculations and custom shapes.
- ❑ Understand the nuances between Tableau, Power BI, and Excel, enabling informed decisions for data analytics needs in different scenarios.
- ❑ Apply Tableau for real-world use cases like YOY growth, category-specific analysis, fiscal year reporting, and profit margin insights, enhancing data-driven decision-making.



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COMPLETE TABLEAU COURSE - 2023

by Havish Madhvapaty

Playlist • 29 videos • 802 views

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2. INTRODUCTION TO TABLEAU AND TABLE
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5:51
3. 3 CASE STUDIES HOW COMPANIES USE T
Havish Madhvapaty • 46 views • 11 months ago
3:39
4. JOB ROLES RELATED TO TABLEAU
Havish Madhvapaty • 36 views • 11 months ago
3:49
5. DOWNLOAD AND INSTALL
Havish Madhvapaty • 24 views • 11 months ago
1:33

COURSE STRUCTURE AND RESOURCES

COMPLETE TABLEAU COURSE

This comprehensive course provides a step-by-step guide to mastering Tableau, one of the leading data visualization tools. From understanding the interface to creating advanced dashboards, the playlist covers foundational concepts, data manipulation techniques, and visualization best practices. Ideal for beginners and intermediate users, it equips learners with the skills to analyze and present data effectively.

3 Key Takeaways:

- ❑ Learn the fundamentals of Tableau, including data loading, dimensions vs measures, and interface navigation, to start building visualizations confidently.
- ❑ Explore advanced visualization techniques such as treemaps, heatmaps, packed bubbles, and dashboards to create impactful stories with data.
- ❑ Understand the use of calculated fields, parameters, trend lines, and level of detail expressions to enhance data analysis and derive meaningful insights.



Clean Raw Data



Marketing Channel Performance Analytics...

by Havish Madhvapathy

Playlist • Public • 7 videos • No views



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1



001 - Clean Raw Data

Havish Madhvapathy • 4 views • 29 minutes ago

21:19

2



Marketing Channel Performance Analytics and Week, Ref Line

Havish Madhvapathy • 4 views • 25 minutes ago

17:52

3



Marketing Channel Performance Analytics Conversion

Havish Madhvapathy • No views • 20 minutes ago

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4



Marketing Channel Performance Analytics Quadrant

Havish Madhvapathy • No views • 14 minutes ago

9:29

5



Marketing Channel Performance Analytics Story

Havish Madhvapathy • No views • 12 minutes ago

2:52

TABLEAU WITH GEN AI

This comprehensive playlist walks you through the entire process of analyzing marketing channel performance—from cleaning raw data using Python, Power Query, and Gen AI tools, to building insightful dashboards in Tableau.

You'll learn how to calculate key metrics like Cost by Source and Week, CAC (Customer Acquisition Cost), and Conversion Rates, and then visualize these insights using advanced Tableau features such as reference lines, scatter plots, quadrant analysis, tooltips, and storytelling. The series concludes with an exploration of the Weighted Score methodology and the creation of a final dashboard that helps drive strategic marketing decisions.

3 Key Takeaways:

- ☐ Master data cleaning with Python, Power Query, and Gen AI.
- ☐ Focus on key metrics like CAC, cost, and conversion.
- ☐ Build impactful dashboards using advanced Tableau visualizations.





This video provides a comprehensive tutorial on Tableau Level of Detail (LOD) expressions, using 12 practical business problems to demonstrate how to control data granularity.

Core LOD Concepts: The tutorial explains the three types of LOD expressions—Fixed, Include, and Exclude—showing how they allow for calculations at levels of detail different from what is currently displayed in a visualization.

Practical Business Use Cases: It covers diverse scenarios such as Cohort Analysis (tracking customer groups over time), New Customer Acquisition trends, Actual vs. Target profit analysis at the product level, and User Login Frequency distributions.

Advanced Analytical Techniques: Viewers learn how to build complex dashboards that incorporate features like Proportional Brushing, Comparative Sales Analysis against selected benchmarks, and determining Customer Order Frequency to identify loyalty patterns.



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by Havish Madhvapathy

Playlist • 129 videos • 772 views

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Microsoft Certified Trainer
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and Microsoft Office Specialist
Havish M
1:09:05
2. **PowerBI Tableau Excel Average per Category**
Havish Madhvapathy • 205 views • 2 years ago
11:18
3. **PowerBI Tableau Excel YTD as per Fiscal**
Havish Madhvapathy • 115 views • 2 years ago
15:36
4. **SUPERCHARGE EXCEL FORMULAS - INTRODUCTION**
Havish Madhvapathy • 1K views • 3 years ago
1:20:05
5. **Excel Custom Formats**
Havish Madhvapathy • 119 views • 2 years ago
6:08

Using LET to make Excel formulas more readable

EXCEL

This playlist is a comprehensive resource for mastering various Excel functionalities, from foundational techniques to advanced analytics. With real-world examples, it highlights Excel's capabilities in finance, automation, visualization, and data transformation, catering to users across multiple domains.

3 Key Takeaways:

- ❑ Learn to manage, analyze, and visualize data with Excel's powerful tools, including Pivot Tables, Power Query, and custom formats.
- ❑ Explore the use of LET, LAMBDA, and VBA for automation and building advanced workflows, streamlining repetitive tasks.
- ❑ Apply Excel in real-world scenarios such as financial calculations, error handling, dynamic data preparation, and reporting for better decision-making.



The screenshot shows a YouTube interface with a dark theme. On the left is a sidebar with navigation icons for Home, Shorts, Subscriptions, YouTube Music, You, and Downloads. The main content area features a playlist titled "EXCEL - MASTER DATA CLEANING AND ..." by Havish Madhvapathy, which is public and has 39 videos and 1,707 views. Below the title are icons for "Play all", adding to a library, watching later, sharing, and a menu. To the right of the playlist is a "Sort" dropdown menu. Below it, a list of video thumbnails is shown, each with a title, view count, and upload time. The videos are:

- Master Data Cleaning and Preparation [16 August 2022]** by Havish Madhvapaty • 875 views • 2 years ago (1:20:05)
- TEXT PADDING** by Havish Madhvapaty • 189 views • 2 years ago (4:56)
- SORT AND FILTER** by Havish Madhvapaty • 120 views • 2 years ago (8:30)
- SEPARATE FIRST NAME AND LAST NAME** by Havish Madhvapaty • 70 views • 2 years ago (6:44)
- REMOVE DUPLICATES GET UNIQUE VALUES** by Havish Madhvapaty • 86 views • 2 years ago (3:15)
- RANDOM NUMBERS**

DATA CLEANING AND PREPARATION

This playlist provided a detailed guide on mastering various Excel functions and techniques for data cleaning, preparation, and advanced data manipulation.

Covering practical tools from sorting and filtering data to dynamic arrays, this series emphasized efficient data handling strategies and best practices for data management.

3 Key Takeaways:

- ❑ Techniques like Flash Fill, CONCAT, and dynamic arrays helps streamline complex data cleaning tasks, making it easier to prepare data for analysis.
- ❑ Advanced formula handling, such as VLOOKUP and COUNTIFS, and tools like data validation empowers users to work with precise data filters and quality control measures.
- ❑ Custom formats, error handling, and sequence generation provides a foundation for managing and presenting data consistently across different datasets.



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DATE FUNCTIONS

by Havish Madhvapathy

Playlist • 22 videos • 8 views

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10 **DATE FUNCTIONS** Havish Madhvapaty • 8 views • 6 months ago 1:25

11 **ADDING UP HOURS** Havish Madhvapaty • 2 views • 6 months ago 1:37

12 **FIND DATES IN RANGE** Havish Madhvapaty • 2 views • 6 months ago 7:50

13 **FIND END OF QUARTER** Havish Madhvapaty • No views • 6 months ago 9:35

14 **FIND RETIREMENT** Havish Madhvapaty • No views • 6 months ago 6:25

15 **FIND DIFFERENCE IN MONTHS** Havish Madhvapaty • 1 view • 6 months ago 3:30

DATE FUNCTIONS

This playlist offers an in-depth exploration of date-related functions in Excel, covering the practical use cases for managing, analyzing, and manipulating date and time data efficiently. It is designed to enhance skills in creating custom formats, calculating date differences, and building schedules with ease.

3 Key Takeaways:

- ❑ Learn to handle complex date calculations, including working with weekdays, expiry dates, and retirement dates using functions like NETWORKDAYS, EDATE, and WORKDAY.
- ❑ Explore creating custom date formats, replacing day-month positions, and converting dates into strings for flexible reporting and formatting needs.
- ❑ Develop schedules, generate date lists with single functions, and use tools like the Date Picker Add-In to streamline date management in dynamic datasets.



The screenshot shows a YouTube interface with a dark theme. On the left is a sidebar with navigation icons for Home, Shorts, Subscriptions, YouTube Music, You, and Downloads. The main content area displays a playlist titled "ESSENTIALS OF PIVOT TABLES" by Havish M Consulting, which has 25 videos and 160 views. Below the title are icons for "Play all", adding to a library, sharing, and more options. To the right of the playlist is a list of video thumbnails with their titles and view counts:

- INTRODUCTION TO THE COURSE** (36 views, 5 months ago)
- CREATING YOUR FIRST PIVOT TABLE** (33 views, 5 months ago)
- PIVOT TABLE INTERFACE AND DESIGN** (29 views, 5 months ago)
- SUMMARIZE VALUES** (18 views, 5 months ago)
- SHOW VALUES RUNNING TOTAL** (12 views, 5 months ago)
- PARETO CHART**

ESSENTIALS OF PIVOT TABLES

This video series offered a structured walkthrough on mastering Excel pivot tables, dashboard setups, and DAX measures, providing foundational knowledge for data analytics in a business context.

3 Key Takeaways:

- ❑ Learn to create and customize pivot tables, enabling effective data summaries and insightful analyses.
- ❑ Advanced visualization techniques, such as heatmaps, sparklines, and Pareto charts, are demonstrated to enhance data presentation and interpretation.
- ❑ Practical applications of DAX and data models showcased methods to streamline complex data operations without relying on VLOOKUP.



The screenshot shows a YouTube interface with a dark theme. On the left is a sidebar with navigation icons for Home, Shorts, Subscriptions, YouTube Music, You, and Downloads. The main content area displays a playlist titled "COMPLETE VLOOKUP FOR BEGINNERS" by Havish M. Consulting, which has 32 videos and 157 views. Below the title is a "Play all" button and icons for adding, editing, sharing, and more options. The video list on the right includes:

- Introduction to the Course** (41 views, 5 months ago, 3:17)
- Introduction to VLOOKUP** (18 views, 5 months ago, 8:06)
- VLOOKUP with Column Reference** (15 views, 5 months ago, 4:10)
- VLOOKUP with Range Name** (10 views, 5 months ago, 4:40)
- VLOOKUP with Table** (16 views, 5 months ago, 5:21)
- VLOOKUP with INDIRECT**

COMPLETE VLOOKUP

This playlist covers a comprehensive range of lookup and reference functions in Excel, providing in-depth insights into VLOOKUP, INDEX+MATCH, and XLOOKUP, with practical examples that tackles real-world data challenges.

The tutorials explores various VLOOKUP techniques, advanced INDEX+MATCH usage, and the powerful functionality of XLOOKUP, catering to different data scenarios and mismatches.

Each video emphasizes practical applications, focusing on enabling users to leverage these functions for cleaner, more effective data management.

3 Key Takeaways:

- ❑ Master VLOOKUP techniques from basic to advanced levels, including handling unclean data, multiple columns, and different tables.
- ❑ Learn to use INDEX+MATCH as a flexible replacement for VLOOKUP, especially for multi-column searches and data mismatches.
- ❑ Explore XLOOKUP's enhanced capabilities for multi-column results and complex lookups, surpassing traditional lookup functions.



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COMPLETE COURSE - EXCEL CHARTS ...

by Havish Madhvapathy

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- BULLET CHART**
Havish Madhvapathy • 34 views • 3 weeks ago
5:11
- CLUSTERED BAR, STACKED BAR, 100% STACKED**
Havish Madhvapathy • 8 views • 3 weeks ago
3:31
- CLUSTERED, STACKED, 100% COLUMN CHART**
Havish Madhvapathy • 14 views • 3 weeks ago
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- COMBO CHART**
Havish Madhvapathy • 10 views • 3 weeks ago
5:11
- DYNAMIC CHART USING FORM CONTROLS**
Havish Madhvapathy • 11 views • 3 weeks ago
9:53
- DYNAMIC PIVOT CHARTS SLICERS AND TIMELINE**

EXCEL CHARTS

This playlist provided an in-depth guide to various charting techniques in Excel, covering a wide range of visualizations, from bullet charts to treemaps, enabling viewers to effectively present data in business settings.

The session emphasized the versatility of Excel for data visualization, focusing on how to select and customize charts for specific data insights and communication goals.

3 Key Takeaways:

- ☐ Learn to create and customize various chart types in Excel to enhance data storytelling.
- ☐ Dynamic features, such as form controls and slicers, are essential for interactive data presentations.
- ☐ Advanced charts, including treemaps and 3D maps, provide unique options for visualizing complex data sets in Excel.



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CREATE CONSULTING CHARTS

by Havish Madhvapathy

Playlist • 31 videos • 471 views

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- 1 001/100: Create Custom Tooltips
Havish Madhvapathy • 366 views • 10 months ago
8:26
- 2 002/100: Waffle Chart
Havish Madhvapathy • 179 views • 10 months ago
14:09
- 3 003/100: Box-Whisker Chart
Havish Madhvapathy • 62 views • 10 months ago
9:07
- 4 004/100: Horizontal Bar Chart with Difference
Havish Madhvapathy • 68 views • 10 months ago
10:38
- 5 005/100: Create Reference Line
Havish Madhvapathy • 75 views • 10 months ago
13:16

006/100: Compare Against Selected Item

CREATE CONSULTING CHARTS

This playlist is a comprehensive guide to creating professional, consulting-grade charts in Excel. It covers a wide range of visualizations, from custom tooltips and box-whisker plots to advanced designs like treemaps, bullet charts, and population pyramids. Aimed at professionals, the series helps recreate charts used by top consulting firms such as McKinsey, BCG, and Deloitte, equipping users with techniques to deliver impactful data visualizations.

3 Key Takeaways:

- ❑ Learn to replicate consulting-grade visualizations such as waterfall charts, Harvey balls, and Pareto charts to enhance reporting and presentations.
- ❑ Explore advanced charting techniques, including dynamic controls, trend lines, and layered donuts, to create interactive and data-rich visualizations.
- ❑ Gain insights into customizing Excel charts with features like reference lines, tooltips, and formatting, ensuring clarity and a professional finish.



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EXCEL STATISTICS

by Havish Madhvapathy

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Havish Madhvapathy • 30 views • 6 months ago
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3 003 - PERCENTILES AND BOXPLOTS
Havish Madhvapathy • 13 views • 6 months ago
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4 004 - CORRELATION
Havish Madhvapathy • 3 views • 6 months ago
13:45

5 005 - REGRESSION
Havish Madhvapathy • 10 views • 6 months ago
16:48

006 - FORECASTING

EXCEL STATISTICS

This playlist offers a comprehensive guide to performing statistical analysis using Excel.

It covers essential topics such as descriptive statistics, percentiles, regression, and forecasting, providing users with practical insights into statistical concepts and their applications.

The series is perfect for learners aiming to leverage Excel for data-driven decision-making and analytical tasks.

3 Key Takeaways:

- ❑ Understand core statistical concepts, including descriptive statistics, correlation, and regression, and how to apply them in Excel.
- ❑ Learn advanced techniques like forecasting and creating boxplots to analyze trends and data distributions effectively.
- ❑ Gain hands-on experience through practical examples, showcasing how to perform statistical functions and interpret results directly in Excel.



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EXCEL - MARKETING ANALYTICS

by Havish Madhvapathy

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Havish Madhvapathy • 15 views • 6 months ago

04 TOP N CUSTOMERS
Havish Madhvapathy • 11 views • 6 months ago

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07 CUSTOMERS WITH N ORDERS
Havish Madhvapathy • 9 views • 6 months ago

08 ORDER FREQUENCY
Havish Madhvapathy • 15 views • 6 months ago

EXCEL – MARKETING ANALYTICS

This playlist provides a comprehensive guide to performing marketing analytics using Excel. It covers key metrics such as customer retention rates, cohort analysis, and order frequency, helping users leverage Excel formulas, pivot tables, and advanced functions to analyze customer behavior and optimize marketing strategies.

3 Key Takeaways:

- ❑ Master essential marketing analytics metrics like repeat customers, customer acquisition, and loyalty rates using Excel tools.
- ❑ Learn advanced techniques such as cohort analysis and KPI tracking to measure customer behavior and profitability effectively.
- ❑ Explore data-driven methods to segment customers, identify top customers, and analyze transaction trends for actionable insights.



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EXCEL - HR ANALYTICS

by Havish Madhvapathy

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2. Combine and Separate Text using Formula
Havish Madhvapathy • 54 views • 2 years ago • 6:56
3. Extract First Middle and Last Name
Havish Madhvapathy • 218 views • 2 years ago • 15:51
4. Extract First Middle and Last Name
Havish Madhvapathy • 84 views • 2 years ago • 8:09
5. Extract First Middle and Last Name - New
Havish Madhvapathy • 64 views • 2 years ago • 1:54

Calculate Headcount

EXCEL – HR ANALYTICS

This playlist provides a step-by-step guide to using Excel for HR analytics, covering a wide range of tasks such as employee data processing, headcount calculations, salary analysis, and creating visual reports. It is tailored to help HR professionals efficiently manage and analyze workforce data using Excel's advanced formulas and tools.

3 Key Takeaways:

- ❑ Learn to process employee data, including extracting and combining names, calculating age, and creating salary percentiles, to streamline HR tasks.
- ❑ Master Excel tools like pivot tables, Power Pivot, and formulas to analyze headcount, attendance, and survey results effectively.
- ❑ Explore techniques for creating dynamic reports and dashboards that integrate HR metrics such as compa ratios, top employees, and pending tasks.



EXCEL HANDBOOK FOR MASTERING DATA CLEANING FOR HUMAN RESOURCE ANALYTICS



EXCEL HANDBOOK FOR MASTERING DATA ...



by Havish Madhvapathy

Playlist • Public • 26 videos • 149 views

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Problem Statement –
Total Amount for Each Employee

1-1: Total Amount for Each Employee

Havish Madhvapathy • 52 views • 2 months ago

3:07

Problem Statement –
All Amount for Each Employee

1-2: All Amount for Each Employee

Havish Madhvapathy • 29 views • 2 months ago

3:21

Problem Statement –
All Amount for Each Employee
with Line Break

1-3: All Amount for Each Employee with Lin

Havish Madhvapathy • 24 views • 2 months ago

2:46

Problem Statement –
All Amount for Each Employee
with Total Amount

1-4: All Amount for Each Employee with Tot

Havish Madhvapathy • 16 views • 2 months ago

4:46

Problem Statement –
Break Names into First, Middle,
Last Names (Classic Functions)

2-1: Break Names into First, Middle, Last Na

Havish Madhvapathy • 22 views • 2 months ago

11:45

HR ANALYTICS: FROM DATA TO AI

This playlist provides a comprehensive step-by-step guide to mastering HR analytics using Excel. It begins with essential data cleaning tasks and gradually builds up to advanced analytical techniques like sentiment analysis and attrition prediction. Designed for HR professionals and analysts, the videos equip viewers with practical problem-solving approaches using formulas, lookups, mock-up design, and synthetic datasets—all tailored to HR-specific scenarios.

3 Key Takeaways:

- ☐ Learn to clean, structure, and analyze employee data for core HR operations.
- ☐ Master Excel techniques to solve real-world HR problems like training analysis and data consolidation.
- ☐ Transition from traditional HR tasks to AI-driven insights with mockups, sentiment analysis, and attrition prediction.



EXCEL FOR FINANCE
by Havish Madhvapathy
Playlist • 25 videos • 87 views

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22 NPV AND IRR
Havish Madhvapaty • 4 views • 6 months ago

XNPV FOR VARYING CASH FLOWS
Havish Madhvapaty • 4 views • 6 months ago

EXCEL FOR FINANCE

This playlist offers a complete walkthrough of using Excel for financial calculations, covering loan analysis, amortization schedules, and investment formulas. Designed for finance professionals and students, it provides practical examples to master financial modeling concepts such as NPV, IRR, and future value while leveraging Excel's capabilities to simplify complex calculations.

3 Key Takeaways:

- ☐ Master loan-related calculations, including payment analysis, interest costs, amortization schedules, and advanced scenarios like balloon loans.
- ☐ Gain insights into investment evaluation using Excel, such as calculating NPV, IRR, XNPV, and discounting future cash flows.
- ☐ Learn to create dynamic financial models using Excel's formulas and tools, optimizing decision-making for corporate and personal finance.



The screenshot shows a YouTube interface with a sidebar on the left containing navigation icons for Home, Shorts, Subscriptions, and a profile icon. The main content area displays a playlist titled "VBA" by Havish Madhvapathy, which has 28 videos and 499 views. Below the playlist title is a "Play all" button and three icons for bookmarking, sharing, and more options. The video thumbnails are arranged in a grid, showing various Excel VBA topics. The first video is "MICROSOFT EXCEL VBA COMPLETE 4 HOUR COURSE" with 1.9K views and 2 years old. The second video is "Create multiple documents using Mail Merge" with 10K views and 2 years old. The third video is "VBA Open Workshop [23 September 2022]" with 613 views and 2 years old. The fourth video is "3 Ways to Count Weekends in a Project D..." with 91 views and 2 years old. The fifth video is "Count Errors in Excel using Formula, LAM..." with 152 views and 2 years old. The sixth video is "Extract numbers from text" with 105 views and 2 years old.

VBA

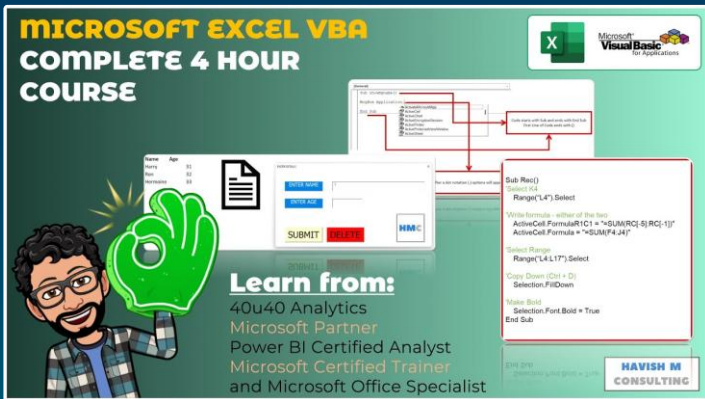
This playlist provides a comprehensive guide to mastering Excel VBA, enabling users to automate repetitive tasks, enhance efficiency, and build robust tools in Excel. Through practical examples and real-world use cases, the series simplifies complex VBA concepts and showcases its versatility in solving common business problems..

3 Key Takeaways:

- ❑ Learn to automate tasks like file management, email handling, and chart creation, saving time and reducing manual effort.
- ❑ Understand how to create custom Excel macros, integrate VBA with other tools like PowerPoint, and design user-friendly interfaces with ribbons and buttons.
- ❑ Explore real-world scenarios, such as combining mismatched data, extracting folder data, and generating dynamic reports, making VBA an essential tool for advanced Excel users.



MICROSOFT EXCEL VBA
COMPLETE 4 HOUR
COURSE



Learn from:
40u40 Analytics
Microsoft Partner
Power BI Certified Analyst
Microsoft Certified Trainer
and Microsoft Office Specialist

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VBA vs. Macros: VBA (Visual Basic for Applications) is the programming language used to write instructions, while a "macro" is the actual set of recorded or written actions. In Excel, these terms are often used interchangeably to describe automation.

The Developer Environment: To use VBA, users must enable the Developer Tab in Excel and use the Visual Basic Editor (Alt + F11). This environment allows you to manage "Modules" where code is stored and use "UserForms" to create custom pop-up interfaces.

Core Programming Concepts: The course explains Subroutines (Sub) for performing actions and Functions for calculating values. It covers essential logic like Loops (for repeating tasks) and If-Then statements (for conditional actions), as well as how to record macros to auto-generate code.



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LAMBDA

by Havish Madhvapathy

Playlist • 25 videos • 167 views

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1 Open Session on LAMBDA [06 September 2022] Havish Madhvapathy • 275 views • 2 years ago

2 3 Ways to Count Weekends in a Project D Havish Madhvapathy • 91 views • 2 years ago

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4 Using LET to make Excel formulas more r Havish Madhvapathy • 224 views • 2 years ago

5 Count Errors in Excel using Formula, LAM Havish Madhvapathy • 152 views • 2 years ago

6 Extract numbers from text

LAMBDA

This playlist explores the versatile functionality of Excel's LAMBDA function, enabling users to create custom, reusable functions without the need for VBA or coding experience. Through a variety of examples, the series emphasizes practical applications in automation, advanced calculations, and data manipulation..

3 Key Takeaways:

- ❑ Learn to simplify repetitive tasks by creating custom Excel functions with LAMBDA, improving efficiency and consistency.
- ❑ Explore innovative uses of LAMBDA in scenarios like finding repeat customers, calculating project durations, and automating data extractions.
- ❑ Enhance usability by combining LAMBDA with LET, FILTERXML, and Power Query for seamless data transformations and advanced workflows.





GET STARTED WITH
POWER QUERY, POWER PIVOT AND
PIVOT TABLES

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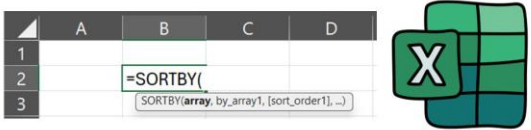
Power Query for Data Transformation: Learn how to import, combine, and clean data from multiple sources—including folders and the web—to create a unified dataset that updates automatically when new files are added.

Power Pivot and Data Modeling: Discover how to build relationships between different tables (like Sales, Targets, and Customers) in the Data Model, allowing for sophisticated cross-table analysis without merging data manually.

Advanced Pivot Table Techniques: Master advanced reporting features such as creating "Measures" using DAX for complex calculations, implementing Slicers and Timelines for interactive dashboards, and using "Show Values As" for percentage-based insights.



INTRODUCTION TO DYNAMIC ARRAYS



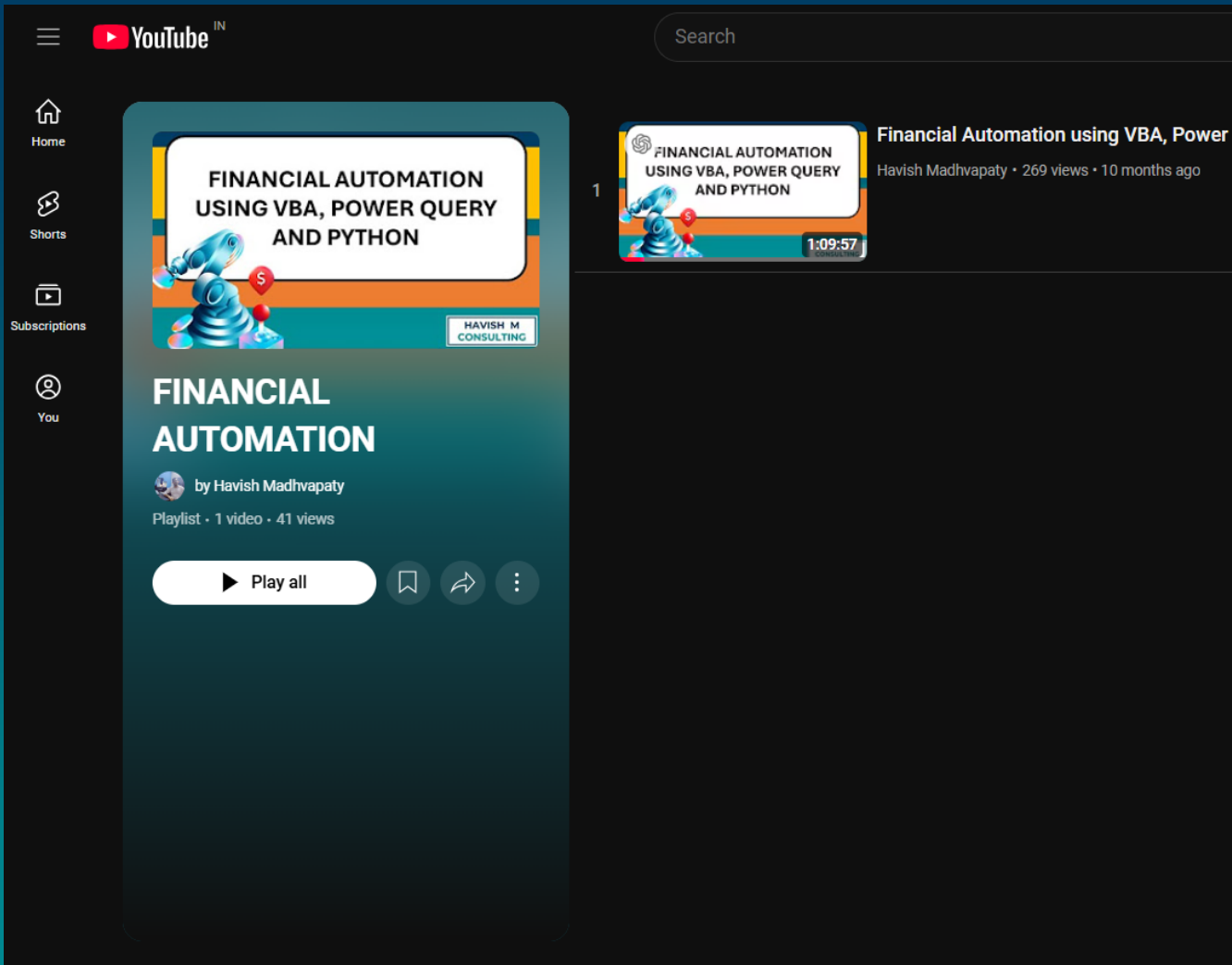
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The "Spill" Effect: Dynamic arrays introduce the concept of "spilling," where a single formula written in one cell automatically populates a range of cells. This eliminates the need for legacy array methods like "Control + Shift + Enter" and prevents manual errors when dragging formulas down columns.

Powerful New Functions: The tutorial introduces several game-changing functions designed specifically for dynamic arrays, including UNIQUE (to extract distinct items), SORT/SORTBY (to organize data dynamically), FILTER (to extract specific data based on criteria), and SEQUENCE (to generate lists of numbers or dates).

Efficiency and Automation: By using dynamic arrays, users can replace complex tools like "Remove Duplicates" or "Consolidate" with live formulas. These formulas automatically update as the source data changes, making them ideal for creating dynamic dashboards, automated serial numbers, and complex data lookups using XLOOKUP.





FINANCIAL AUTOMATION

This single-session playlist explores financial automation techniques using VBA, Power Query, and Python. It demonstrates how to streamline and optimize financial workflows, enabling faster and more accurate reporting and analysis.

The session integrates these tools to automate repetitive tasks and improve decision-making processes in financial management.

3 Key Takeaways:

- ☐ Discover how VBA can automate Excel processes, from data cleansing to generating complex reports.
- ☐ Learn to use Power Query for data extraction, transformation, and loading (ETL) to create efficient data pipelines.
- ☐ Explore Python's capabilities for advanced financial automation, including scripting for complex calculations and data integration.



EXCEL FOR FINANCE – BASIC

Interface Overview, Workbook & Worksheet, Save File, Movement Shortcut Keys, Data Entry Shortcuts, Selection (With Shortcuts), Adjustments of cell, column, rows, Basic Formatting (With Shortcuts), Number Format, Custom Date Format, Cell Style, Conditional Formatting



EXCEL FOR FINANCE – INTERMEDIATE

Fill Series (Linear, Growth, Date), Filters, Sorting (Normal + Custom), Paste Special, Find and Replace, Protect Sheet, Statistical Formulas (Sum, Avg, Max, Min, Count), Cell Referencing (Relative, Absolute, Mixed), Text Formulas (Left, Right, Mid), Trim Formula, Lower, Upper, Proper Formula, Current Date & Time, Day, Month, Year Formula



EXCEL FOR FINANCE - ADVANCED

Text Join Formula, Flash Fill, SUBSTITUTE Formula, NETWORKDAYS, WORKDAY, Time Formulas (Hour, Minute, Seconds), RANK.AVG, RANK.EQ, ROUND, ROUNDUP, ROUNDDOWN, IS Functions (IsNumber, IsText, etc.), IF / AND / OR Formula, IFS, SUMIF Formula, AVERAGEIF, COUNTIF, SUBTOTAL, AGGREGATE



B SCHOOL

POWER BI + TABLEAU WORKSHOP IIM AHMEDABAD



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OVERVIEW OF EXCEL FOR FIRST YEAR IIM CALCUTTA



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PRE-INTERSHIP SESSION FOR IIM BANGALORE



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PRE-PLACEMENT EXCEL WORKSHOP IIM KOZHIKODE



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PRE-INTERSHIP ANALYTICS WORKSHOP IIM CALCUTTA



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Microsoft Excel logo and Power BI logo.

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INTRODUCTION TO POWER BI LADY SHRI RAM COLLEGE FOR WOMEN



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PYTHON

The screenshot shows a YouTube interface with a sidebar on the left containing icons for Home, Shorts, Subscriptions, and You. The main content area displays a playlist titled "INTRODUCTION TO PYTHON" by Havish Madhvapathy, with 24 videos and 143 views. Below the title is a "Play all" button and icons for bookmark, share, and more options. The video list on the right includes:

- LAMBDA**: Havish Madhvapaty • 6 views • 6 months ago (3:49)
- ARRAYS**: Havish Madhvapaty • 3 views • 6 months ago (3:12)
- CLASSES AND OBJECTS**: Havish Madhvapaty • 5 views • 6 months ago (9:24)
- ITERATORS**: Havish Madhvapaty • 10 views • 6 months ago (6:06)
- SCOPE**: Havish Madhvapaty • 5 views • 6 months ago (5:09)
- MODULES**: Havish Madhvapaty • 5 views • 6 months ago

INTRODUCTION TO PYTHON

This playlist introduces the foundational concepts of Python programming, covering its syntax, core constructs, and use cases. It is designed for beginners to gain a solid understanding of Python's basics and how to implement them for practical problem-solving.

3 Key Takeaways:

- ☐ Understand Python syntax, variables, data types, and basic operators to build a strong foundation in programming.
- ☐ Learn essential constructs like loops, conditional statements, functions, and object-oriented principles such as classes and objects.
- ☐ Explore real-world examples like iterators, modules, and error handling to prepare for practical implementations.



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PYTHON - DATA VISUALIZATION WITH ...

by Havish Madhvapathy

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1 004 - PLOTTING CATEGORICAL DATA
Havish Madhvapathy • 17 views • 6 months ago
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2 006 - VISUALIZING LINEAR RELATIONSHIPS
Havish Madhvapathy • 6 views • 6 months ago
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3 005 - VISUALIZING DATASET DISTRIBUTION
Havish Madhvapathy • 5 views • 6 months ago
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4 003 - FACETS
Havish Madhvapathy • 8 views • 6 months ago
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5 002 - LINE PLOTS
Havish Madhvapathy • 6 views • 6 months ago
22:16

001 - SCATTERPLOT

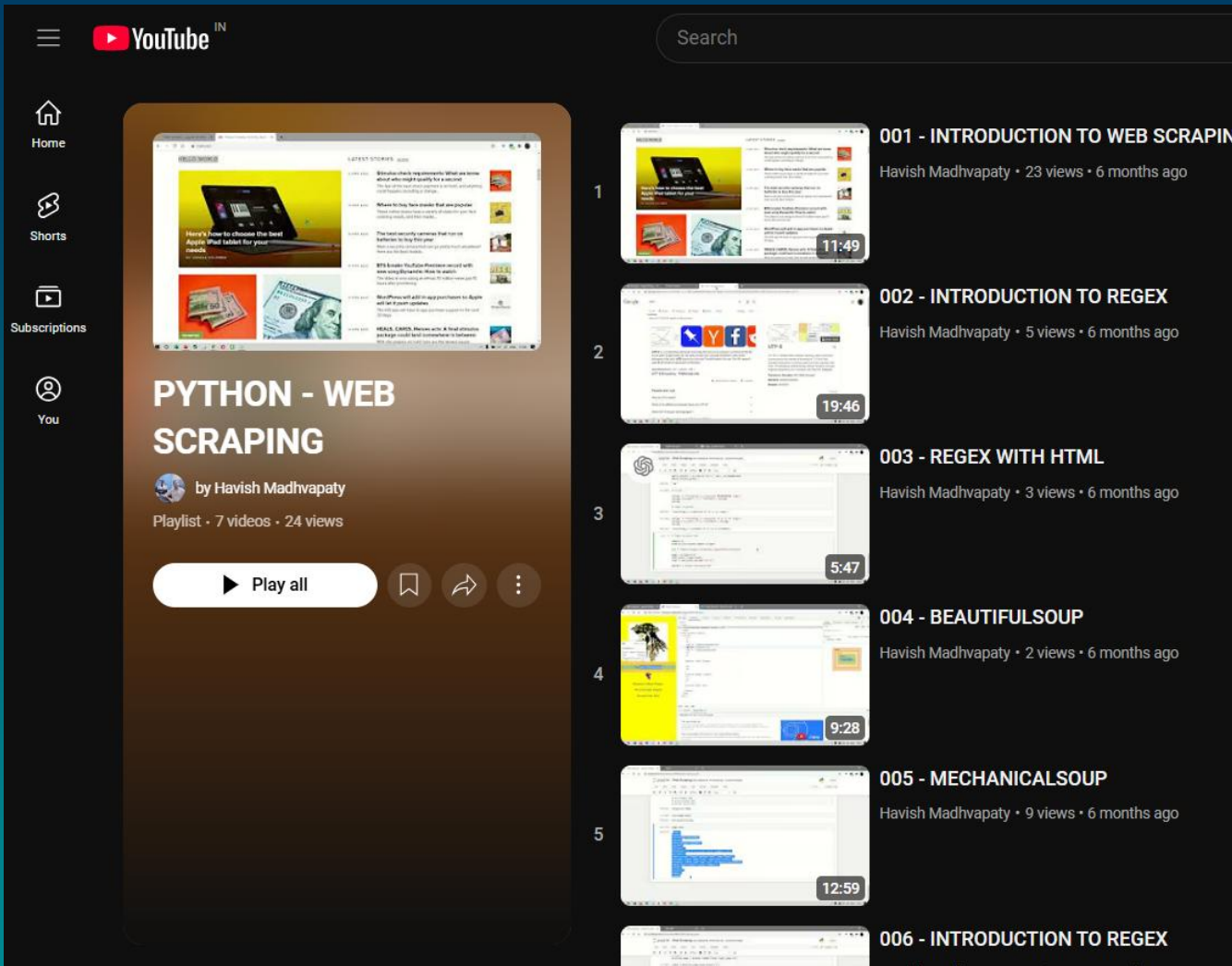
PYTHON - DATA VISUALIZATION WITH SEABORN

This playlist focuses on the fundamentals of data visualization using Python, showcasing techniques to create impactful visual representations of data. It covers essential plot types, visualization libraries, and techniques to explore relationships and distributions.

3 Key Takeaways:

- ☐ Learn to create scatterplots, line plots, and categorical plots to effectively present different types of data.
- ☐ Understand how to visualize dataset distributions and linear relationships to uncover patterns and insights.
- ☐ Explore the use of facets for multi-dimensional data visualization, enabling clearer storytelling and data segmentation.





PYTHON - WEB SCRAPING

by Havish Madhvapathy

Playlist • 7 videos • 24 views

001 - INTRODUCTION TO WEB SCRAPING
Havish Madhvapaty • 23 views • 6 months ago

002 - INTRODUCTION TO REGEX
Havish Madhvapaty • 5 views • 6 months ago

003 - REGEX WITH HTML
Havish Madhvapaty • 3 views • 6 months ago

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Havish Madhvapaty • 2 views • 6 months ago

005 - MECHANICALSOUP
Havish Madhvapaty • 9 views • 6 months ago

006 - INTRODUCTION TO REGEX

PYTHON - WEB SCRAPING

This playlist introduces the fundamentals of web scraping using Python, covering essential techniques, libraries, and real-world applications. It guides beginners through the process of extracting and processing data from web pages efficiently.

3 Key Takeaways:

- ❑ Understand the basics of web scraping, including the use of regular expressions (Regex) and HTML parsing for data extraction.
- ❑ Learn to leverage powerful Python libraries like BeautifulSoup and MechanicalSoup to navigate and scrape web content effectively.
- ❑ Apply web scraping techniques to real-world scenarios, such as extracting data from BBC web pages, ensuring hands-on learning.



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PYTHON - OPENPYXL

by Havish Madhvapathy

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1 **INTRODUCTION TO OPENPYXL**
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2 **INSTALL THE LIBRARY, CREATE A SIMPLE PROJECT**
Havish Madhvapathy • 27 views • 6 months ago
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3 **LOAD A WORKBOOK, CHECK SHEET NAME**
Havish Madhvapathy • 20 views • 6 months ago
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4 **CHECK VALUE FROM ROW COLUMN**
Havish Madhvapathy • 29 views • 6 months ago
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5 **CREATE A JSON FILE**
Havish Madhvapathy • 18 views • 6 months ago
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CLASSES FOR READABILITY
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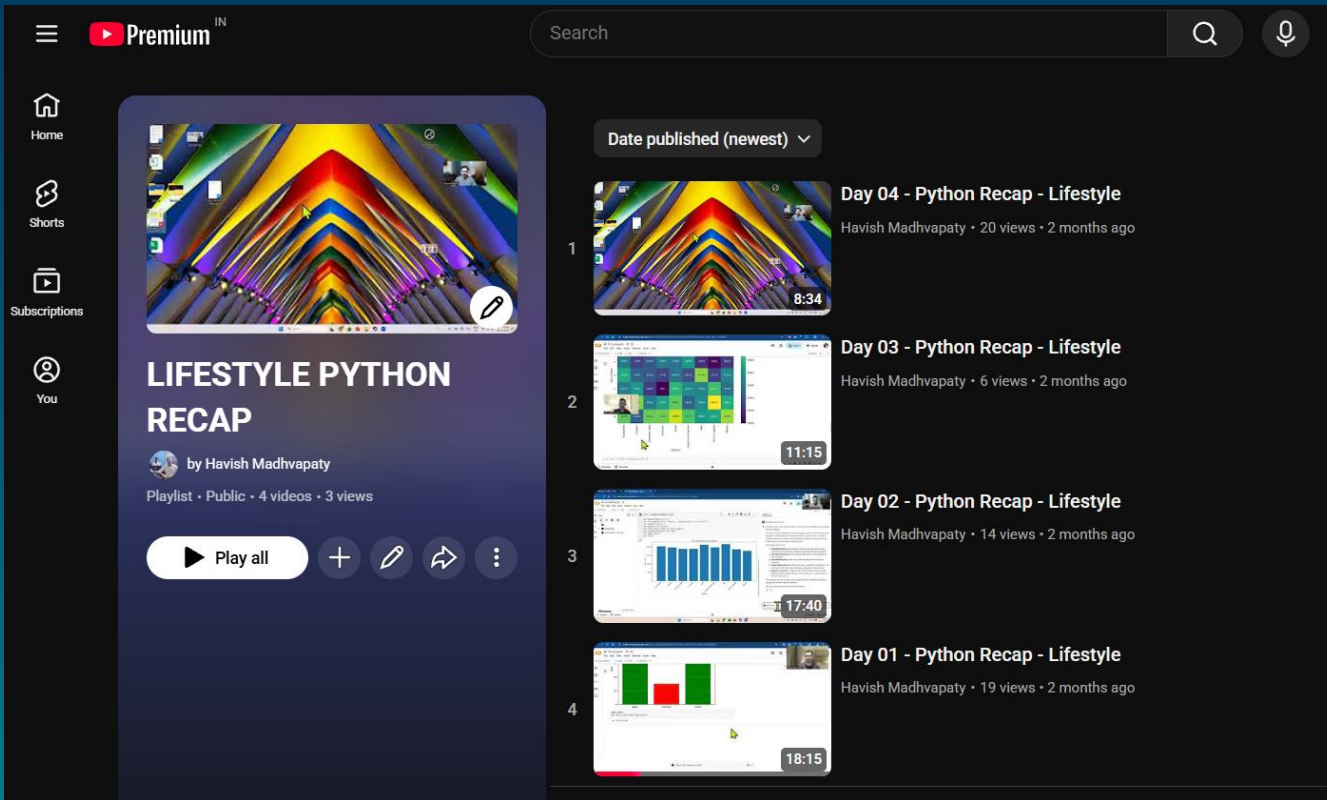
PYTHON - OPENPYXL

This playlist provides a comprehensive guide to working with Excel files using OpenPyXL, a Python library for Excel automation. It covers fundamental and advanced features, helping users efficiently manipulate spreadsheets programmatically.

3 Key Takeaways:

- ❑ Learn to create, load, and edit Excel workbooks, including tasks like adding data, formatting, and managing sheets.
- ❑ Discover techniques for automating complex tasks such as applying conditional formatting, merging cells, handling multiple files, and inserting charts.
- ❑ Explore features like formula integration, image importing, and loops to streamline repetitive Excel operations, boosting productivity.



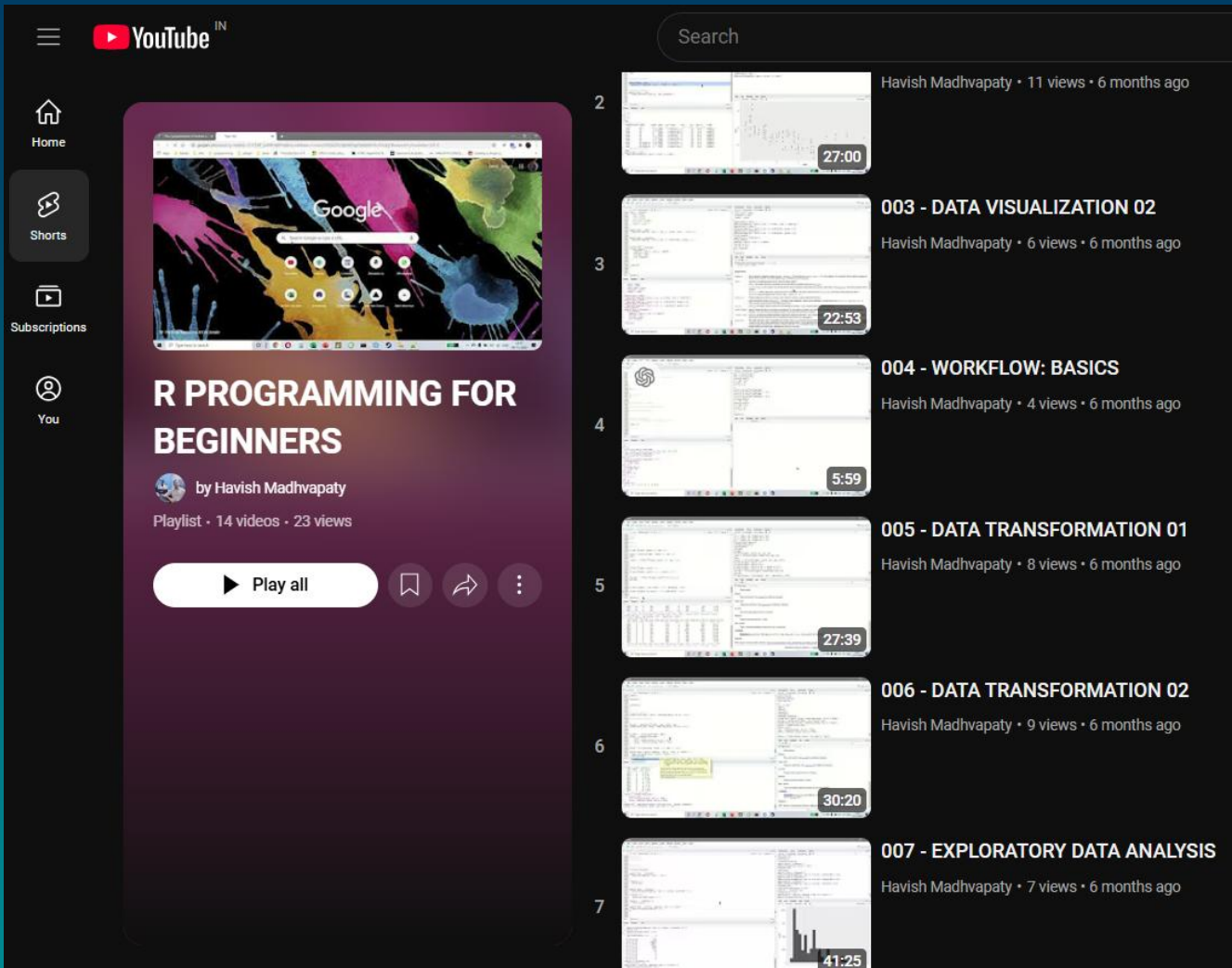


PYTHON - RECAP

Session for Lifestyle Dubai



R, SQL, KNIME



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R PROGRAMMING FOR BEGINNERS

by Havish Madhvapaty

Playlist • 14 videos • 23 views

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003 - DATA VISUALIZATION 02

Havish Madhvapaty • 6 views • 6 months ago

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004 - WORKFLOW: BASICS

Havish Madhvapaty • 4 views • 6 months ago

5:59

005 - DATA TRANSFORMATION 01

Havish Madhvapaty • 8 views • 6 months ago

27:39

006 - DATA TRANSFORMATION 02

Havish Madhvapaty • 9 views • 6 months ago

30:20

007 - EXPLORATORY DATA ANALYSIS

Havish Madhvapaty • 7 views • 6 months ago

41:25

R PROGRAMMING FOR BEGINNERS

This playlist provides a step-by-step introduction to R programming, catering to beginners aiming to explore data science and statistical analysis. It covers foundational topics like installing R and understanding workflows, as well as advanced techniques such as data wrangling, visualization, and model basics. The series is designed to equip users with practical skills for data manipulation and analysis.

3 Key Takeaways:

- ❑ Master foundational R concepts, including workflows, data types, and data transformation techniques, to build a strong base in programming.
- ❑ Explore data visualization and exploratory data analysis to derive insights from complex datasets using libraries like ggplot2.
- ❑ Learn advanced topics such as data wrangling with tidy data principles, working with dates and times, and applying model basics for statistical analysis.



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SQL FOR BEGINNERS

by Havish Madhvapaty

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2

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Havish Madhvapaty • 29 views • 6 months ago

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003

Havish Madhvapaty • 21 views • 6 months ago

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4

004

Havish Madhvapaty • 23 views • 6 months ago

5:33

5

005

Havish Madhvapaty • 16 views • 6 months ago

1:19

006

SQL FOR BEGINNERS

This playlist provides a foundational introduction to SQL (Structured Query Language), focusing on building a strong understanding of database management and querying techniques. It covers topics from setting up databases and writing basic queries to advanced data manipulation, equipping viewers with practical skills for working with relational databases.

3 Key Takeaways:

- ❑ Understand the core concepts of SQL, including setting up databases, writing SELECT statements, and managing data effectively.
- ❑ Learn how to perform advanced querying techniques such as filtering, joining tables, and using aggregate functions for data analysis.
- ❑ Gain insights into practical database management, including creating, updating, and optimizing database structures for efficiency.



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by Havish Madhvapathy

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2 **002** KNIME Interface Havish Madhvapaty • 11 views • 6 months ago 5:42

3 **003** Roadmap for KNIME Havish Madhvapaty • 8 views • 6 months ago 2:23

4 **004** KNIME Workflow Havish Madhvapaty • 7 views • 6 months ago 12:41

5 **005** KNIME Workflow Havish Madhvapaty • 11 views • 6 months ago 4:47

6 **006** KNIME Workflow Havish Madhvapaty • No views • 6 months ago

INTRODUCTION TO KNIME

This playlist serves as an entry-level guide to KNIME, a powerful open-source platform for data analytics and machine learning workflows. It covers essential features and tools to help beginners understand the basics of KNIME's interface and capabilities.

3 Key Takeaways:

- ❑ Learn to create, manage, and execute workflows for data preparation, transformation, and analysis using KNIME's intuitive drag-and-drop interface.
- ❑ Understand key functionalities, including node configuration, workflow execution, and integration with other data sources.
- ❑ Build a strong foundation in KNIME, setting the stage for advanced analytics and automation tasks in future explorations.



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by Havish Madhvapathy

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2 **USE THEMES**
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4 **LOCK THE HEADER**
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5 **COMMENT**
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SHARING
Havish Madhvapathy • 5 views • 5 months ago

GOOGLE SHEETS

This playlist is a comprehensive guide to mastering Google Sheets, covering essential functionalities for beginners and advanced users. It delves into foundational skills like formatting, sharing, and version control, as well as advanced tools such as AI features, pivot tables, and scripting. Designed to streamline workflows, this series empowers users to optimize data handling and collaboration.

3 Key Takeaways:

- ❑ Learn essential spreadsheet skills, including formatting, data validation, and conditional formatting, to enhance data presentation and accuracy.
- ❑ Explore advanced features such as pivot tables, IMPORT functions, and scripting to automate and analyze complex data.
- ❑ Utilize collaborative tools like sharing, commenting, and version control to manage teamwork effectively in Google Sheets.



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INTRODUCTION TO JAVASCRIPT WITH ...

by Havish Madhvapathy

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2 002 SETTING IT UP WRITE FIRST MACRO
Havish Madhvapaty • 10 views • 6 months ago
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3 003 RECORDING MACRO ON EXCEL VS G
Havish Madhvapaty • 17 views • 6 months ago
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4 004 CUSTOM FUNCTIONS
Havish Madhvapaty • 4 views • 6 months ago
10:48

5 005 VARIABLES AND DATA TYPES
Havish Madhvapaty • 5 views • 6 months ago
14:48

6 006 OPERATORS AND CONDITIONALS
Havish Madhvapaty • 7 views • 6 months ago

INTRODUCTION TO JAVASCRIPT WITH GOOGLE SHEETS

This playlist introduces the basics of JavaScript programming with a focus on Google Apps Script. From setting up the first macro to using advanced JavaScript concepts like objects, loops, and custom menus, this series provides step-by-step guidance for beginners and intermediate users looking to streamline tasks and improve efficiency.

3 Key Takeaways:

- ❑ Learn to record, write, and customize macros for Excel and Google Sheets, enabling seamless automation across platforms.
- ❑ Explore core JavaScript concepts such as variables, data types, functions, and loops, along with practical applications in spreadsheet automation.
- ❑ Discover advanced Apps Script capabilities like adding custom menus, retrieving and manipulating spreadsheet data, and formatting for dynamic automation solutions.



WORD

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WORD

by Havish Madhvapaty

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1

Need to create multiple, customized and correctly named letters for 100's of Employees?

9:45

Create multiple documents using Mail Merge

Havish Madhvapaty • 10K views • 2 years ago

2

Convert Number to Words in Excel and Word

Havish Madhvapaty • 599 views • 2 years ago

3

Mastering Microsoft Word

Havish Madhvapaty • 437 views • 2 years ago

4

Connect Excel, PowerPoint and Word

Havish Madhvapaty • 167 views • 2 years ago

WORD

This playlist focuses on mastering Microsoft Word and its integration with Excel and PowerPoint. It covers essential skills such as mail merge, converting numbers to words, and advanced features for creating professional documents efficiently. Ideal for anyone looking to optimize workflows and improve document processing.

3 Key Takeaways:

- ❑ Learn to use mail merge for creating customized documents efficiently, including automation with data from Excel.
- ❑ Explore techniques for integrating Word with Excel and PowerPoint to create seamless workflows across applications.
- ❑ Gain a comprehensive understanding of Microsoft Word's advanced tools for formatting, document design, and collaboration.



INTERNS, MEDIUM

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pwc
CHARTS

HAVISH M CONSULTING

Interns

by Havish Madhvapathy

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1 **Crafting Impactful Slides: Recreating PwC CHARTS**
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2 **Power Query 101**
Havish Madhvapathy • 142 views • 11 months ago
58:58

3 **Automate Financial Data Cleaning, Model**
Havish Madhvapathy • 263 views • 11 months ago
46:09

4 **ChatGPT 101**
Havish Madhvapathy • 96 views • 11 months ago
38:17

5 **Talent Tracker using Power BI and ChatG**
Havish Madhvapathy • 93 views • 11 months ago
1:06:01

INTERNS

This playlist provides an insightful journey into internship experiences, financial automation, and data analysis. It features a mix of tutorials on technical topics like Power Query, ChatGPT, and data visualization, along with real-life internship stories and advice from students. The series is ideal for aspiring professionals seeking guidance on career paths, technical upskilling, and practical exposure.

3 Key Takeaways:

- ❑ Learn technical skills like Power BI, Python, and ChatGPT for tasks such as data cleaning, financial modeling, and creating impactful presentations.
- ❑ Gain valuable insights from student internship experiences, covering topics like interview preparation, transitioning into analytics, and career growth.
- ❑ Explore webinars on data visualization, financial analysis, and automation to understand practical applications in a corporate setting.



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MEDIUM

by Havish Madhvapaty

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2 **3 Ways to Count Weekends in a Project D**
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Havish Madhvapaty • 4.2K views • 2 years ago

4 **Excel Custom Formats**
Havish Madhvapaty • 119 views • 2 years ago

5 **Using LET to make Excel formulas more**
Havish Madhvapaty • 224 views • 2 years ago

Count Errors in Excel using Formula, LAM

MEDIUM

This playlist covers an intermediate-level exploration of various tools and techniques in Excel, Power BI, and VBA, focusing on automation, data handling, and visualization. It is ideal for users looking to bridge foundational skills with advanced concepts for efficient data management.

3 Key Takeaways:

- ❑ Discover intermediate techniques for automating tasks like Mail Merge, file organization, and data extraction, significantly reducing manual efforts.
- ❑ Master practical tools like FILTERXML, LAMBDA, and custom formats to improve data preparation and visual storytelling.
- ❑ Learn to combine the power of Excel, Power BI, and VBA for seamless workflows, such as creating dynamic reports, handling mismatched data, and automating emails.

