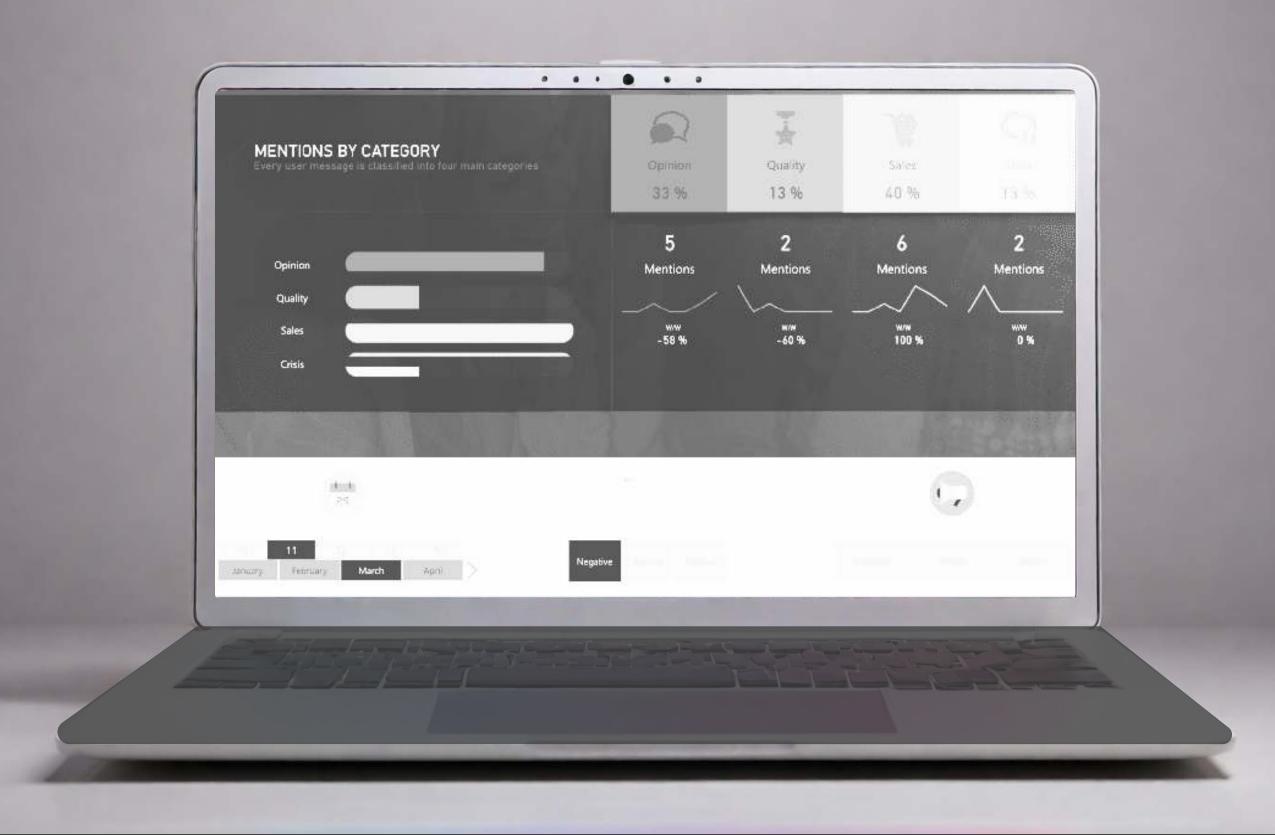


MASTER



IN 15-DAYS



Your BI-zarrely Powerful Guide

Disclaimer

This 15-day roadmap is just the beginning, and you can expand your knowledge by working on diverse projects and exploring advanced features as you progress.

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Below is a roadmap with stages and practice questions for each stage to help you get started:

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Stage 1:

Basics

Day 1 Introduction to Power Bl

- Understand what Power BI is and its key components.
- Install Power BI Desktop.
- Explore the Power BI interface.

Day 2 | Practice Questions

- 1. What are the three main components of Power BI?
- 2. How do you create a new report in Power BI Desktop?
- 3. Explore the Power BI Desktop interface and locate the different panes and tools.





Stage 2:

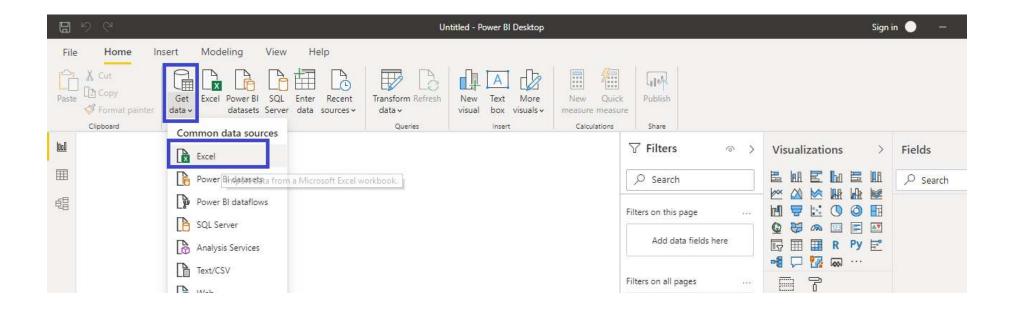
Data Loading

Day 3 Data Sources and Transformation

- Learn to connect to various data sources (Excel, databases, web, etc.).
- Load data into Power BI.
- Understand data transformation and cleaning techniques.

Day 4 | Practice Questions

- 1. Connect Power BI to a sample Excel file and load data.
- 2. How can you filter and clean data in Power Query Editor?
- 3. Explain the importance of data profiling.





Stage 3:

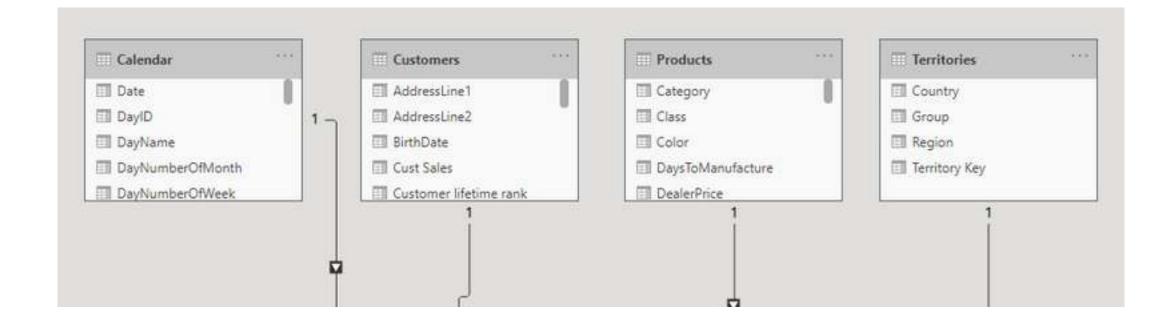
Data Modeling

Day 5 Data Modeling and Relationships

- Learn about data modeling concepts.
- Create relationships between tables.
- Define measures and calculated columns.

Day 6 | Practice Questions

- 1. Create a relationship between two tables in Power BI.
- 2. What's the difference between a measure and a calculated column?
- 3. Write a DAX expression to calculate total sales.





Stage 4:

Data Visualization

Day 7 | Visualization

- Explore various visualization types (charts, tables, maps, etc.).
- Create interactive reports and dashboards.
- Apply formatting and themes.

Day 8 | Practice Questions

- 1. Create a bar chart representing product sales.
- 2. How can you add a slicer to filter data in a report?
- 3. Customize the color scheme of a report.



Stage 5:

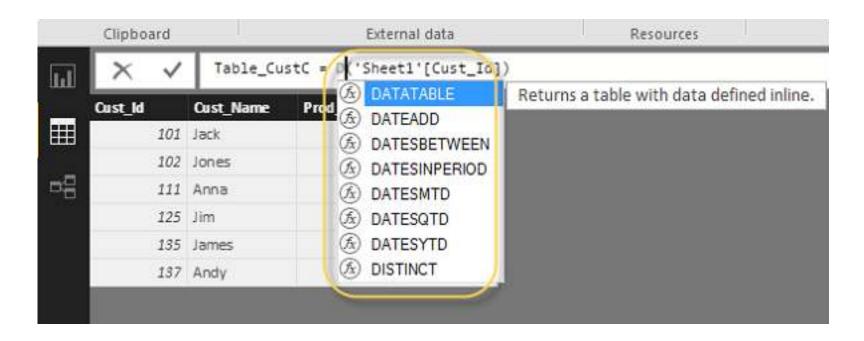
Advanced Topics

Day 9 | Advanced Topics

- Learn about advanced DAX functions.
- Implement time intelligence calculations.
- Understand custom visuals and Power BI Service features.

Day 10 | Practice Questions

- 1. Write a DAX expression for year-over-year growth.
- 2. Create a custom measure for moving averages.
- 3. Publish a report to Power BI Service and share it with a colleague.





Stage 6:

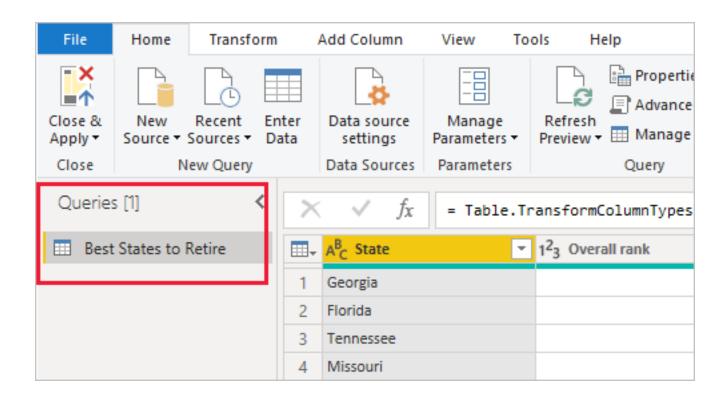
Data Transformation

Day 11 Data Transformation and ETL

- Deep dive into Power Query.
- Master ETL (Extract, Transform, Load) techniques.
- Automate data refresh.

Day 12 | Practice Questions

- 1. Perform advanced data transformations using Power Query.
- 2. Schedule data refresh for a Power BI report.
- 3. Troubleshoot data refresh issues.





Stage 7:

Real-World Projects

Day 13 | Real-World Projects

- Work on real datasets and projects.
- Apply all the skills you've learned.
- Explore Power BI's integration with other tools (e.g., Excel, SharePoint).

Day 14 | Practice Questions

- 1. Choose a dataset and create a complete Power BI report from scratch.
- 2. Share your project with peers or mentors for feedback.



Stage 8:

Recap

Day 15 Recap and Final Practice

- Review key concepts and techniques.
- Practice additional exercises.
- Set personal goals for further learning.

Day 16 | Practice Questions

- 1. Self-assessment: Take a quiz covering essential Power BI topics.
- 2. Identify areas for improvement and plan your next steps in mastering Power BI.

Remember that mastering Power BI is an ongoing journey, and continuous practice and real-world application of your skills will lead to expertise over time. This 15-day roadmap is just the beginning, and you can expand your knowledge by working on diverse projects and exploring advanced features as you progress.







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