

Power BI 2 Week Roadmap (Beginner to Advanced)

Day 1 – Power BI Basics & Installation

What is Power BI?

Power BI vs Excel/Tableau

Install Power BI Desktop

Resources:

Video: <https://www.youtube.com/watch?v=AGrl-H87pRU>

Docs: <https://learn.microsoft.com/en-us/power-bi/fundamentals/power-bi-overview>

Day 2 – Interface Tour + Data Import

Power BI interface overview (Home, Ribbon, Views)

Import data from Excel, CSV, Web

Perform basic transformations (remove rows, rename columns)

Resources:

Docs: <https://learn.microsoft.com/en-us/power-bi/connect-data/desktop-data-sources>

Day 3 – Power Query Editor (ETL)

Clean messy data

Remove blanks, merge/append queries

Understand and use Applied Steps

Resources:

Docs: <https://learn.microsoft.com/en-us/power-query/power-query-ui>

Day 4 – Data Modeling + Relationships

Understand star schema vs snowflake

Create and manage relationships

Use the “Manage Relationships” pane

Resources:

Docs:

<https://learn.microsoft.com/en-us/power-bi/transform-model/desktop-relationships-understand>

Day 5 – DAX Fundamentals

Introduction to DAX: Calculated columns vs Measures

Basic functions: SUM, COUNT, DISTINCTCOUNT

Logical functions: IF, SWITCH

Resources:

Docs: <https://learn.microsoft.com/en-us/dax/logical-functions-dax>

Day 6-Intermediate DAX

CALCULATE, FILTER, ALL, VALUES

Aggregation with filtered context

Resources:

Docs: <https://learn.microsoft.com/en-us/dax/calculate-function-dax>

Day 7 – Visualizations & Filters

Create visuals: bar, pie, table, matrix

Use slicers, filters, and drill-down

Sync slicers across pages

Resources:

Docs: <https://learn.microsoft.com/en-us/power-bi/visuals/power-bi-report-visualizations>

Day 8 – Advanced Visual Features

Use and customize tooltips

Create bookmarks and navigation buttons

Apply conditional formatting

Resources:

Docs: <https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-bookmarks>

Day 9-Time Intelligence in Power BI

Build and use date tables

YTD, MTD, QTD calculations

Use SAMEPERIODLASTYEAR, DATESYTD, DATESBETWEEN Resources:

Docs: <https://learn.microsoft.com/en-us/dax/time-intelligence-functions-dax>

Day 10 Power BI Service & Dashboards

Publish to Power BI Service

Create dashboards and pin visuals

Share reports securely

Resources:

Docs:

<https://learn.microsoft.com/en-us/power-bi/report-server/quickstart-create-powerbi-report>

Docs: <https://learn.microsoft.com/en-us/power-bi/consumer/end-user-dashboards>

Day 11 Data Refresh + Gateway

Set up scheduled data refresh

Configure On-premises data gateway

Troubleshoot common refresh errors Resources:

Docs: <https://learn.microsoft.com/en-us/power-bi/connect-data/refresh-data>

Day 12-Row-Level Security (RLS)

Set roles and filters in Power BI Desktop

Test roles locally

Configure RLS in Power BI Service Resources:

Docs:

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-purchasing-power-bi-pro>

Day 13 – Mini Project: Sales Dashboard

Use the Superstore dataset

Create summary page, KPIs, and filters

Add slicers, dynamic titles, formatting

Resources:

Dataset: <https://www.kaggle.com/datasets/vivek468/superstore-dataset-final>

Day 14 – Portfolio + Interview Prep

Upload final project to GitHub

Record a short explanation video

prepare for interviews with common Power BI questions Resources:

GitHub: <https://github.com/new>

Interview Questions:

<https://www.edureka.co/blog/interview-questions/power-bi-interview-questions>