Prepare and visualize data with Microsoft Power BI

23 min. resterend • Learning Path7 Modules

Level
Beginner

Product
Microsoft Fabric, Power BI

Role
Data Analyst

Subject
Data analytics, Data visualization

Power BI allows you to easily connect to and present your data in an interactive report, so you can make data-driven decisions. Learn how to connect to data, transform and shape data, and create interactive visuals in a Power BI report.

Prerequisites

Before starting this learning path, you should be familiar with data and analytics concepts.

⊕ **Toevoegen**

Je code inwisselen

Heb je een prestatiecode? Wissel je code nu in.

Modules in this learning path

Get started building with Power BI

✓ 700 ervaringspunten ▶

21 min. • Module6 Eenheden

Learn about Power BI, the building blocks and flow of Power BI, and how to create compelling, interactive reports.

Overzicht ⌃

Introduction
1 min. ✓

Use Power BI
3 min. ✓

Building blocks of Power BI
8 min. ✓

Tour and use the Power BI service
5 min. ✓

Knowledge check
3 min. ✓

Summary
1 min. ✓

⊕

Get data in Power BI

✓ 1400 ervaringspunten ▶

1 uur 46 min. • Module13 Eenheden

You'll learn how to retrieve data from a variety of data sources, including Microsoft Excel, relational databases, and NoSQL data stores. You'll also learn how to improve performance while retrieving data.

Overzicht ⌃

Introduction
2 min. ✓

Get data from files
10 min. ✓

Get data from relational data sources
14 min. ✓

Create dynamic reports with parameters
6 min. ✓

Get data from a NoSQL database
5 min. ✓

Get data from online services
5 min. ✓

Select a storage mode
6 min. ✓

Get data from Azure Analysis Services
5 min. ✓

Fix performance issues
10 min. ✓

Resolve data import errors
7 min. ✓

Exercise - Get data in Power BI
30 min. ✓

Check your knowledge
5 min. ✓

Summary
1 min. ✓

⊕

Clean, transform, and load data in Power ✓ 1100 ervaringspunten ▶
2 uur 1 min. • Module10 Eenheden

Power Query has an incredible number of features that are dedicated to helping you clean and prepare your data for analysis. You'll learn how to simplify a complicated model, change data types, rename objects, and pivot data. You'll also learn how to

profile columns so that you know which columns have the valuable data that you're seeking for deeper analytics.

Overzicht ∧

Introduction
2 min.   ✓

Shape the initial data
18 min.   ✓

Simplify the data structure
8 min.   ✓

Evaluate and change column data types
10 min.   ✓

Combine multiple tables into a single table
8 min.   ✓

Profile data in Power BI
20 min.   ✓

Use Advanced Editor to modify M code
4 min.   ✓

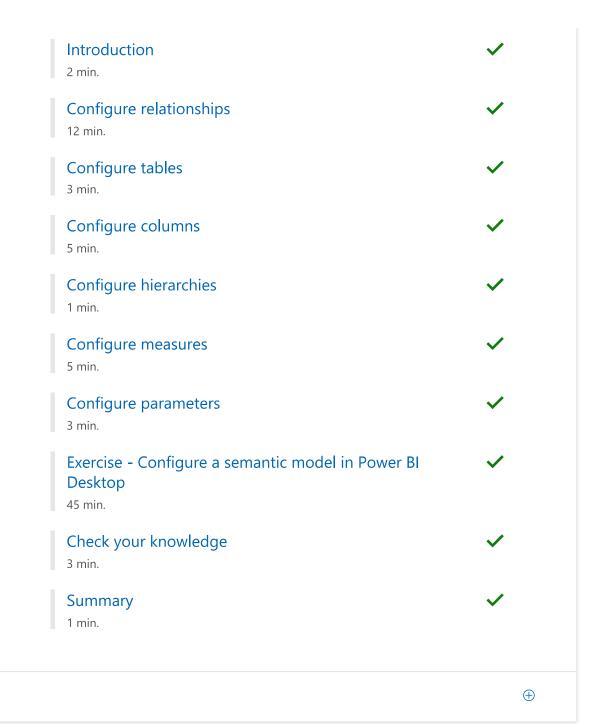Exercise - Load data in Power BI Desktop
45 min.   ✓

Check your knowledge
5 min.   ✓

Summary
1 min.   ✓

⊕

Configure a semantic model   ✓ 1100 ervaringspunten ▶

1 uur 20 min. • Module10 Eenheden

Semantic models organize complex data into an intuitive structure, enhancing data visualization and enabling efficient, insightful reporting for better decision-making.

Overzicht ∧

Introduction
2 min. ✓

Configure relationships
12 min. ✓

Configure tables
3 min. ✓

Configure columns
5 min. ✓

Configure hierarchies
1 min. ✓

Configure measures
5 min. ✓

Configure parameters
3 min. ✓

Exercise - Configure a semantic model in Power BI Desktop
45 min. ✓

Check your knowledge
3 min. ✓

Summary
1 min. ✓

⊕

Design Power BI reports
✓ 1200 ervaringspunten ▶

23 min. resterend • Module11 Eenheden

Design effective Power BI reports that are visually appealing and easy to understand with consistent report structure, interactive objects, and filtering.

Overzicht ⌃

Introduction
3 min. ✓

Design the analytical report layout
7 min. ✓

Design visually appealing reports
10 min. ✓

Use report objects
7 min. ✓

Select report visuals
14 min. ✓

Rapportvisuals selecteren die passen bij de rapportindeling
-1 min. ✓

Visualisaties opmaken en configureren
-1 min. ✓

Werken met Key Performance Indicators
-1 min. ✓

Exercise - Design Power BI reports
45 min. ✓

Check your knowledge
5 min. ✓

Summary
1 min. ✓

⊕

Get started with Copilot in Power BI
✓ 700 ervaringspunten ▶

27 min. • Module5 van 6 eenheden voltooid

Copilot in Power BI increases productivity when developing semantic models and reports using Power BI. Copilot also allows you to interact with your data using natural language to gain insights.

Overzicht ⌃

Introduction
1 min. ✓

Use Copilot in Power BI to prepare and model data
7 min. ✓

Create reports with Copilot in Power BI
7 min. ✓

Creatie samenvattingen met Copilot in Power BI
3 min.

Module assessment
3 min. ✓

Summary
2 min. ✓

⊕

Introduction to end-to-end analytics using Microsoft Fabric
✓ 700 ervaringspunten ▶

20 min. • Module6 Eenheden

Discover how Microsoft Fabric can meet your enterprise's analytics needs in one platform. Learn about Microsoft Fabric, how it works, and identify how you can use it for your analytics needs.

Overzicht ∧

Introduction
1 min. ✓

Explore end-to-end analytics with Microsoft Fabric
5 min. ✓

Explore data teams and Microsoft Fabric
4 min. ✓

Enable and use Microsoft Fabric
6 min. ✓

Module assessment
3 min. ✓

Summary

1 min.