

Managing Semantic Models in Power BI Workspaces

Duration: 1 hour

Session Overview

This session explains how to effectively manage semantic models in Power BI Workspaces and use them to build consistent, collaborative dashboards. Participants will gain a clear, business-friendly understanding of what semantic models are, why their management is important in shared environments, and how they support report and dashboard creation. The session also demonstrates how existing semantic models can be reused to create new reports and how visuals from multiple reports can be combined to build meaningful dashboards, while following best practices and governance considerations.

Learning Outcomes

By the end of this session, participants will be able to:

- Understand what a semantic model is and its role in Power BI
- Explain why semantic model management is critical in shared workspaces
- Manage semantic models within a workspace, including roles, permissions, and refresh settings
- Reuse existing semantic models to create new reports without duplicating data
- Build dashboards by combining visuals from multiple reports
- Apply best practices and understand limitations when working with shared models and dashboards

Pre-requisites

Foundation understanding of Power BI concepts is mandatory

Session Agenda

Introduction & Context Setting

- What a semantic model is in Power BI (business-friendly explanation)
- Why semantic model management matters in shared workspaces

Managing Semantic Models in Power BI Workspaces

- Understanding semantic models within a workspace
- Workspace roles and permissions related to semantic models
- Dataset ownership, refresh settings, and lineage view
- Best practices for organizing and naming semantic models

Reusing Existing Semantic Models to Create New Reports

- Concept of shared and reusable semantic models
- Connecting to an existing semantic model
- Creating new reports without duplicating data

- Benefits of reuse: consistency, performance, and governance

Using Visuals from Multiple Reports to Put Together a Dashboard

- Managing tile behaviour and interactions
- Best practices for building meaningful dashboards from multiple sources
- Limitations and considerations when combining visuals