

DP-605T00: Develop Dynamic Reports with Microsoft Power BI

Duration: 8 Hours (1 Day)

Course Overview

The DP-605 certification is likely aligned with Microsoft Power BI expertise, although as of my last update, no specific Microsoft certification carries this number. Nevertheless, if DP-605 is akin to real Microsoft certifications for Power BI, it would focus on teaching professionals how to create dynamic, data-driven reports using Microsoft Power BI. Power BI is a business analytics tool that enables users to visualize data and share insights across an organization or embed them in an app or website. Industries use Power BI to make informed decisions through rich data visualization, Live dashboards, and Interactive reports, which can be refreshed with Real-time data.

Audience Profile

Target Audience for DP-605: Develop dynamic reports with Microsoft Power BI Certification Training

- Business Intelligence Professionals
- Data Analysts
- Report Creators
- BI Developers
- IT Professionals
- Power BI Users Seeking Advanced Skills
- Individuals Aiming to Excel in Data Visualization

Course Syllabus

Module Deck # Estimated Minutes Classroom Activity

M00

Course Introduction (30 Minutes)

- Note: Be conscious of timing for introductions due to limited time.

Getting Started with Microsoft Data Analytics (15 Minutes)

- Topics: Microsoft data analytics, building blocks of Power BI

M01

Prepare Data in Power BI Desktop (75 Minutes)

- Topics: Connect, transform, and load data with Power Query.
- Lab: Load data in Power BI Desktop (45 minutes)

Design a Semantic Model in Power BI (60 Minutes)

- Topics: Configure relationships, hierarchies, and model properties.
- Lab: Model Data in Power BI Desktop (45 minutes)

Create Measures Using DAX in Power BI (75 Minutes)

- Topics: Calculated measures, columns, tables, and date tables.
- Lab: Create DAX Calculations in Power BI Desktop (45 minutes)

M02

Create Reports (75 Minutes)

- Topics: Select visuals, report layout, slicers, basic formatting.
- Lab: Design a Report in Power BI Desktop (45 minutes)

Deploy and Maintain Items in Power BI Service (45 Minutes)

- Topics: Publish reports, create workspace and items, distribute items

Wrap-up (15 Minutes)

- Topics: Summary, final Q&A, open forum