

Management of Power BI content in Microsoft Fabric and the Microsoft Power BI service

Course code: GOC686

The course is designed for students who want to expand their knowledge of Microsoft Power BI in the areas of deployment, management, and content automation. It is also ideal for administrators of the Power BI service and Microsoft Fabric capacities. You will learn how to connect the cloud service with your company's on-premises data sources using the Power BI gateway. You will be able to plan and implement content sharing. You will learn how to manage the deployment cycle of reports from development through testing to production. You will discover your options for source code versioning. You will find out about the settings available for Microsoft Fabric and the Power BI tenant. You will also learn how to monitor the entire environment.

What you will learn

- Deploy, manage, and automate Power BI content in Microsoft Fabric and the Microsoft Power BI service
- We will go through the configuration of Microsoft Fabric capacities and the Power BI tenant
- You will learn how to connect the cloud service with your on-premises data sources using the Power BI gateway
- You will understand how to plan and implement content sharing
- You will discover how to monitor the entire Microsoft Power BI and Microsoft Fabric environment

Required knowledge

- Basic knowledge of the Microsoft Power BI environment at the level of the PBID or MOC PL-300 course
- Basic knowledge of the Microsoft Fabric environment at the level of the GOC680 course (optional, if you are not focusing solely on the Power BI service)

Course outline

- 1 Introduction to licensing
 - Types of licenses and their limitations
 - Connection modes
- 2 Shared workspaces
 - Content planning and organization
 - Permission management
- 3 Power BI Apps
 - Explanation of Power BI application principles and their usage possibilities
 - Use of Power BI Audiences
 - Row-level security roles and data protection
- 4 Power BI Gateway
 - Installation and configuration
 - Creation of data sources
 - Update automation
 - Live connection
- 5 Environment management
 - Standard workspaces vs. dedicated capacity
 - Deployment pipelines
 - Versioning of objects
- 6 Shared content across multiple reports
 - Semantic models
 - Data Flows
 - OneLake
- 7 Administration and monitoring
 - Introduction to key settings in the admin portal
 - Monitoring report usage

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- Monitoring service load

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