



MICROSOFT TRAINING

Power Bi Administration Course

Administer Microsoft Power BI environments efficiently. Manage security, data gateways, and workspaces for optimal performance.

DURATION

24 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level Power BI Administration Course is meticulously designed for IT professionals, data administrators, and BI specialists tasked with managing and maintaining Power BI environments within an organization. Over 24 intensive hours, participants will gain comprehensive expertise in the Power BI Service, focusing on critical administrative functions. You will master tenant settings, security protocols, capacity management, and data gateway configurations, all essential for ensuring a robust, secure, and performant Power BI ecosystem. This course delves deep into the administrative portal, leveraging Azure Active Directory for user and group management, and optimizing the deployment and monitoring of Power BI assets.

Duration	24 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Power BI Administration and Service Architecture

- Overview of the Power BI Service and its components
- Understanding Power BI licensing models (Free, Pro, Premium, PPU)
- The role and responsibilities of a Power BI Administrator
- Power BI architecture: Cloud components, on-premises gateways, and data sources

02 Module 2: Managing Power BI Tenant Settings and User Access

- Navigating and configuring the Power BI Admin Portal
- Controlling tenant-wide settings for sharing, publishing, and content creation
- User and group management through Azure Active Directory integration
- Managing workspaces, roles, and access permissions for collaboration

03 Module 3: Data Connectivity and On-Premises Data Gateways

- Installation and configuration of On-premises Data Gateways
- Managing data sources within the gateway and connection settings
- Configuring gateway clusters for high availability and load balancing
- Troubleshooting common gateway connectivity and refresh issues

04 Module 4: Security, Monitoring, and Governance in Power BI

- Implementing and managing Row-Level Security (RLS) within datasets
- Best practices for data security and compliance in Power BI
- Monitoring Power BI activity using audit logs and usage metrics reports
- Developing effective Power BI governance strategies and policies
- Data privacy considerations and data residency

05 Module 5: Power BI Premium Capacities and Deployment Pipelines

- Understanding Power BI Premium capacities (P-SKUs, A-SKUs) and their benefits
- Managing Premium capacity workloads, metrics, and refresh settings
- Utilizing deployment pipelines for content lifecycle management (Dev, Test, Prod)
- Best practices for parameterization and automated deployment

Module 6: Advanced Administration and Troubleshooting

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- Automating administrative tasks using Power BI PowerShell cmdlets
 - Exploring Power BI REST APIs for custom administration solutions
 - Troubleshooting common Power BI service performance issues and errors
 - Optimizing refresh schedules and dataset performance at scale
 - Strategies for backup, recovery, and disaster preparedness for Power BI assets

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Power BI Administrator**
- > **Data Platform Administrator**
- > **Business Intelligence Governance Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What are the essential prerequisites for enrolling in this Power BI Administration Course?

To get the most out of this intermediate-level course, participants should have a foundational understanding of Power BI concepts, including experience in creating reports and dashboards. Familiarity with basic IT administration, cloud concepts (preferably Azure), and general data management principles will also be highly beneficial.

Q: How will this course specifically equip me to enforce data governance and security within my organization's Power BI environment?

This course provides in-depth training on leveraging the Power BI Admin Portal to configure tenant-wide settings, manage user access via Azure Active Directory, and implement Row-Level Security (RLS). You will learn to monitor usage patterns with audit logs and metrics, develop governance policies, and ensure data privacy, directly empowering you to establish and maintain a secure and compliant Power BI ecosystem.

Q: Will I gain practical skills in managing Power BI Premium capacities and setting up deployment pipelines after completing this training?

Absolutely. A dedicated module focuses on Power BI Premium, covering capacity management, workload optimization, and monitoring. Furthermore, you will receive hands-on instruction in configuring and utilizing deployment pipelines, enabling you to streamline the lifecycle management of Power BI content across development, testing, and production environments within your organization.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading

technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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READY TO ENROL?

Take the next step in your technology career.

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