



MICROSOFT TRAINING

Microsoft Purview Data Catalog

Master Microsoft Purview Data Catalog to discover, classify, and govern your organization's data assets efficiently.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intermediate-level Microsoft Purview Data Catalog course provides a comprehensive overview of how to establish and manage a unified data governance solution within your organization. Participants will delve into the core functionalities of Microsoft Purview, focusing specifically on its Data Catalog capabilities to discover, classify, map, and govern data across hybrid and multi-cloud environments. The course emphasizes practical skills for populating the data catalog, enriching data assets with business metadata, and leveraging powerful search and discovery features to empower data consumers. By completing this 2-hour intensive program, IT professionals will gain the expertise to transform raw data into a readily understandable and trustworthy asset. You will learn to implement robust data governance policies, improve data literacy across departments, ensure regulatory compliance, and accelerate data-driven decision-making. This course is essential for anyone looking to streamline data operations, enhance data quality, and foster a culture of responsible data usage within their enterprise using Microsoft's cutting-edge cloud governance platform.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Microsoft Purview and Data Catalog Fundamentals

- Understanding the Microsoft Purview unified data governance platform
- Key components: Data Catalog, Data Map, Data Estate Insights
- The importance of a data catalog in modern data environments
- Core concepts: data assets, metadata, lineage, classifications, business glossary

02 Module 2: Setting Up and Configuring Microsoft Purview Data Catalog

- Deploying a Microsoft Purview account in Azure
- Overview of Purview Studio interface
- Managing Purview collections and roles for access control
- Integrating Purview with Azure Active Directory

03 Module 3: Registering and Scanning Data Sources

- Supported data sources (Azure, AWS, On-premises, SaaS)
- Configuring data source connections and credentials
- Executing scans for metadata ingestion
- Understanding scan types and scheduling

04 Module 4: Enriching Data Assets and Metadata Management

- Applying system classifications and custom classifications
- Creating and managing the business glossary
- Linking glossary terms to data assets
- Understanding and viewing data lineage
- Adding expert contacts and owner information

05 Module 5: Data Discovery, Search, and Consumption

- Utilizing Purview Studio for data asset search and browsing
- Filtering and refining search results
- Interpreting data asset details, schema, and properties

- Accessing data lineage for impact analysis
- Empowering data consumers with self-service discovery

06 Module 6: Monitoring, Reporting, and Best Practices

- Monitoring scan status and history
- Leveraging Data Estate Insights for governance reporting
- Implementing best practices for data catalog population and maintenance
- Introduction to Purview APIs for automation (brief overview)

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Data Governance Analyst**
- > **Cloud Data Architect specializing in Data Platforms**
- > **Data Steward / Data Curator**

FREQUENTLY ASKED QUESTIONS

Q: How does mastering Microsoft Purview Data Catalog specifically contribute to an organization's data governance maturity?

This course directly equips participants with the skills to implement critical data governance functions. You'll learn to establish a central repository for metadata, enforce data classification, create a standardized business glossary, and visualize data lineage. These capabilities are fundamental for improving data discoverability, ensuring compliance with regulations like GDPR or HIPAA, and ultimately fostering a more trustworthy and efficient data landscape within your enterprise.

Q: What foundational Azure knowledge is recommended as a prerequisite before enrolling in this Microsoft Purview Data Catalog course?

While not strictly mandatory, a basic understanding of Azure concepts, including Azure subscriptions, resource groups, identity and access management (Azure AD), and familiarity with core Azure data services like Azure Data Lake Storage or Azure SQL Database, will significantly enhance your learning experience. This course focuses on Purview itself, but a grasp of the underlying Azure ecosystem is beneficial for practical implementation.

Q: Will this course cover the integration of Microsoft Purview Data Catalog with other specific Microsoft Azure data services for end-to-end data lifecycle management?

Yes, this course will demonstrate how Microsoft Purview Data Catalog integrates with various Azure data services. You will learn to register and scan data from services such as Azure Data Lake Storage Gen2, Azure SQL Database, and Azure Synapse Analytics. The curriculum highlights how Purview automatically extracts metadata and lineage from these sources, providing a unified view that is crucial for managing the complete data lifecycle, from ingestion to consumption.

ABOUT COMPUTER PRIDE



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15+

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Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke