Microsoft | Transcript

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Modules completed

69

Training hours completed

55 hr 3 min

Modules completed

N/A in the module assessment result column means either the module assessment doesn't exist or there's no pass record for it. All modules in this table are complete.

Module title	Description	Completed on	Duration	Module Assessment Result
Python error handling	Use effective techniques for error handling in Python. Catching exceptions, raising new ones, and updating error messages are essential for robust Python projects.	Oct 25, 2024	31 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Python functions	Functions are a foundational knowledge for writing modular code. Understanding inputs and outputs in functions will help you write better software that's reusable and readable.	Oct 24, 2024	29 min	N/A
Manage data with Python dictionaries	Most programs need to work with data more complex than strings or numbers. Python dictionaries allow you to create data types to model more complex information and relationships. This module explores how to create and utilize dictionaries in Python.	Oct 23, 2024	26 min	N/A
Use 'while' and 'for' loops in Python	With Python, you can use `while` loops to run the same task multiple times and `for` loops to loop once over list data. In this module, you'll learn about the two loop types and when to apply each.	Oct 22, 2024	30 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Introduction to lists in Python	As a developer, you'll work with a lot of lists. A list is a series of values that contain variables of any type. You use lists in Python to store information. They're dynamic, so you can freely add items to them and remove items from them.	Oct 20, 2024	34 min	N/A
Use mathematical operations in Python	Almost every application a developer creates involves some level of math. This module will explore the core functionality in Python and arithmetic operators.	Oct 19, 2024	27 min	N/A
Use strings in Python	Strings and string operations are among the main core types in Python. Manipulating text is an essential developer skill, and Python offers several ways to work with strings.	Oct 18, 2024	24 min	N/A
Use Boolean logic in Python	Explore how to use the Boolean type in Python to craft complex expressions that apply conditional logic.	Oct 18, 2024	32 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Write your first Python programs	Learn how to write your first Python programs, and to print and gather input on the console.	Oct 17, 2024	30 min	N/A
Introduction to Python	Learn about the Python programming language, how to execute statements and scripts, declare variables, and create a basic Python app.	Oct 16, 2024	16 min	N/A
Design Power BI reports	Because Power BI includes more than 30 core visuals, it can be challenging for a beginner to select the correct visual. This module will guide you through selecting the most appropriate visual type to meet your design and report layout requirements.	Jul 8, 2024	1 hr 39 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Scope report design requirements	Gathering appropriate inputs to scope your report design requirements involves identifying your audience, determining the suitable report types, and defining their interface and experience requirements. This module provides you with a strong foundation on which to learn how to plan your report design requirements.	Jul 8, 2024	34 min	N/A
Orchestrate containers on Windows Server using Kubernetes	Orchestrate containers on Windows Server using Kubernetes	May 20, 2024	1 hr 5 min	N/A
Implement Hyper-V Replica	Implement Hyper-V Replica	May 20, 2024	50 min	N/A
Automate the configuration of Windows Server IaaS Virtual Machines	You'll be able to deploy Desired State Configuration (DSC) extensions, implement those extensions to remediate noncompliant servers, and use custom script extension.	May 19, 2024	49 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Customize Windows Server IaaS Virtual Machine images	You'll be able to create new VMs from generalized images and use Azure Image Builder templates to create and manage images in Azure.	May 19, 2024	50 min	N/A
Run containers on Windows Server	Run containers on Windows Server	May 19, 2024	48 min	N/A
Secure Hyper-V workloads	Secure Hyper-V workloads	May 18, 2024	55 min	N/A
Plan and deploy Windows Server IaaS Virtual Machines	You'll be able to describe Azure compute and storage in relation to Azure VMs, and deploy Azure VMs by using the Azure portal, Azure CLI, or templates.	May 17, 2024	1 hr 2 min	N/A
Configure and manage Hyper-V	Configure and manage Hyper-V	May 11, 2024	48 min	N/A
Configure and manage Hyper-V virtual machines	Configure and manage Hyper-V virtual machines	May 10, 2024	45 min	N/A
Monitor a Microsoft Fabric data warehouse	Monitor a Microsoft Fabric data warehouse	Apr 27, 2024	52 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Query a data warehouse in Microsoft Fabric	Learn how to query a data warehouse in Microsoft Fabric using different tools.	Apr 23, 2024	1 hr 3 min	N/A
Load data into a Microsoft Fabric data warehouse	Explore the process of loading data into a warehouse in Microsoft Fabric.	Apr 22, 2024	1 hr 10 min	N/A
Get started with data warehouses in Microsoft Fabric	Understand the key components and design considerations for implementation of data warehouses in Microsoft Fabric.	Apr 22, 2024	1 hr 6 min	N/A
Add measures to Power BI Desktop models	In this module, you'll learn how to work with implicit and explicit measures. You'll start by creating simple measures, which summarize a single column or table. Then, you'll create more detailed measures based on other measures in the model. Additionally, you'll learn about the similarities of, and differences between, a calculated column and a measure.	Apr 22, 2024	58 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Write DAX formulas for Power BI Desktop models	In this module, you'll learn how to write DAX formulas to create calculated tables, calculated columns, and measures, which are different types of model calculations. Additionally, you'll learn how to write and format DAX formulas, which consist of expressions that use functions, operators, references to model objects, constants, and variables.	Apr 21, 2024	27 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Design a data model in Power BI	The process of creating a complicated data model in Power BI is straightforward. If your data is coming in from more than one transactional system, before you know it, you can have dozens of tables that you have to work with. Building a great data model is about simplifying the disarray. A star schema is one way to simplify a data model, and you'll learn about the terminology and implementation of them in this module. You will also learn about why choosing the correct data granularity is important for performance and usability of your Power BI reports. Finally, you'll learn about improving performance with your Power BI data models.	Apr 20, 2024	1 hr 23 min	N/A
Publish and share in Power BI	Publish and share your Power BI reports and dashboards to teammates in your organization or to everyone on the web.	Apr 18, 2024	1 hr 4 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Use visuals in Power BI	Create and customize visuals to present data in compelling and insightful ways.	Apr 18, 2024	1 hr 16 min	N/A
Automate data cleaning with Power Query	This module introduces Power Query in Microsoft Excel, a powerful data connection, cleaning, and shaping technology that is a core part of the Microsoft modern analytics suite of business intelligence tools.	Apr 18, 2024	1 hr 29 min	N/A
Choose a Power BI model framework	Describe Power BI data model frameworks, their benefits and limitations, and features to help optimize your Power BI data models.	Apr 18, 2024	46 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Describe Power BI Desktop models	In this module, you'll learn about the Power BI Desktop model structure, star schema design basics, analytics queries, and report visual configuration. This module provides a strong foundation on which you can learn to optimize model designs and add model calculations.	Apr 17, 2024	29 min	N/A
Model data in Power BI	Connect Power BI to multiple data sources to create reports. Define the relationship between your data sources.	Apr 17, 2024	1 hr 7 min	N/A
Introduction to data platform modernization	Introduction to data platform modernization	Apr 16, 2024	32 min	N/A
Select Windows Server editions, servicing options, and activation	Select Windows Server editions, servicing options, and activation	Apr 16, 2024	36 min	N/A
Explore data in Power BI	Turn your business intelligence data into data insights by creating and configuring Power BI dashboards.	Apr 15, 2024	53 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Clean, transform, and load data in Power BI	Power Query has an incredible amount of features that are dedicated to helping you clean and prepare your data for analysis. You will learn how to simplify a complicated model, change data types, rename objects, and pivot data. You will also learn how to profile columns so that you know which columns have the valuable data that you're seeking for deeper analytics.	Apr 14, 2024	2 hr 1 min	N/A
Get data with Power BI Desktop	How can you find, collect, and clean data from different sources? Power BI is a tool for making sense of your data. You will learn tricks to make data-gathering easier.	Apr 13, 2024	1 hr 15 min	N/A
Transition from Excel to Power BI	Microsoft's Power BI combines the Power Query's extraction, transformation, and loading capabilities with DAX and a relational data model in a new application with new features.	Apr 13, 2024	48 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Understand concepts of data analytics	Explore key concepts of data analytics, including types of analytics, data, and storage. Explore the analytics process and tools used to discover insights.	Apr 7, 2024	28 min	N/A
Administer Microsoft Fabric	Administer Microsoft Fabric	Apr 3, 2024	30 min	N/A
Introduction to end-to-end analytics using Microsoft Fabric	Discover how Microsoft Fabric can meet your enterprise's analytics needs in one platform. Discover the capabilities Fabric has to offer, understand how it works, and identify how you can use Fabric for your analytics needs.	Apr 3, 2024	22 min	N/A
Explore fundamentals of stream processing	Learn about the basics of stream processing, and the services in Microsoft Azure that you can use to implement streaming data solutions.	Apr 1, 2024	1 hr 21 min	N/A
Examine components of a modern data warehouse	Examine components of a modern data warehouse	Apr 1, 2024	1 hr 32 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Explore fundamentals of data visualization	Learn the fundamental principles of analytical data modeling and data visualization, using Microsoft Power BI as a platform to explore these principles in action.	Apr 1, 2024	38 min	N/A
Explore provisioning and deploying relational database services in Azure	Explore provisioning and deploying relational database services in Azure	Mar 31, 2024	36 min	N/A
Explore relational data services in Azure	Explore relational data services in Azure	Mar 31, 2024	37 min	N/A
Explore roles and responsibilities in the world of data	Explore roles and responsibilities in the world of data	Mar 30, 2024	15 min	N/A
Explore core data concepts	Explore core data concepts	Mar 29, 2024	30 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Describe features and tools for managing and deploying Azure resources	Describe features and tools for managing and deploying Azure resources	Mar 29, 2024	22 min	N/A
Describe features and tools in Azure for governance and compliance	Describe features and tools in Azure for governance and compliance	Mar 29, 2024	34 min	N/A
Describe monitoring tools in Azure	Describe monitoring tools in Azure	Mar 29, 2024	13 min	N/A
Describe cost management in Azure	Describe cost management in Azure	Mar 26, 2024	43 min	N/A
Get data in Power BI	You will learn how to retrieve data from a wide variety of data sources, including Microsoft Excel, relational databases, and NoSQL data stores. You will also learn how to improve performance while retrieving data.	Mar 25, 2024	1 hr 46 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Describe Azure identity, access, and security	≪module title>	Mar 25, 2024	43 min	N/A
Describe Azure storage services	Azure storage services, tiers, redundancy options, and migration options and tools.	Mar 24, 2024	46 min	N/A
Describe Azure compute and networking services	Introduction to Azure compute services (virtual machines, Azure Virtual Desktop, Azure Functions) and networking services (virtual networks, ExpressRoute, DNS, etc.).	Mar 21, 2024	1 hr 8 min	N/A
Describe the core architectural components of Azure	Concepts around physical and management architecture for Azure, including data centers and regions, management groups and subscriptions, etc.	Mar 19, 2024	48 min	N/A
Describe cloud service types	Introduction to cloud service types (Infrastructure, Platform, and Software as a Service models) and associated use cases for each.	Mar 18, 2024	12 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Describe the benefits of using cloud services	Introduction to concepts surrounding cloud computing. Mostly platform agnostic, focused instead on general concepts.	Mar 18, 2024	17 min	N/A
Describe cloud computing	Introduction to concepts surrounding cloud computing. Mostly platform agnostic, focused instead on general concepts.	Mar 17, 2024	23 min	N/A
Introduction to modern analytics using Excel and Power BI	This module introduces the Microsoft modern analytics core suite of tools, including Office 365/Excel 2016+, Power Query, Data Model, Power BI Desktop, and Power BI service. By using modern analytics technologies, you and your organization can work faster, more efficiently, and smarter by using Excel together with Power BI.	Mar 10, 2024	37 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Get to your data on the go with the Power BI Mobile apps	As a consumer, you'll use the Power BI mobile app to review and interact with the content that is available to you in the Power BI service while you're on the go. This module provides the information that you need to work effectively with the Power BI mobile apps.	Feb 29, 2024	1 hr 29 min	N/A
Analyze data with Power BI	This module goes beyond viewing and exploring your content and explains how to interact with it by working with reports and dashboards to uncover and share new business insights.	Feb 22, 2024	1 hr	N/A
Discover data analysis	Would you like to explore the journey of a data analyst and learn how a data analyst tells a story with data? In this module, you will explore the different roles in data and learn the different tasks of a data analyst.	Feb 21, 2024	36 min	N/A

Module title	Description	Completed on	Duration	Module Assessment Result
Get started building with Power BI	Power BI is a collection of software services and applications that let you connect to all sorts of data sources and create compelling visuals and reports. You can benefit from receiving those reports, or you can share them with others inside or outside your organization. Learn the basics of Power BI, how its services and applications work together, and how they can be used to create or experience compelling visuals and analytics based on your data.	Feb 21, 2024	40 min	N/A
Explore what Power BI can do for you	As a consumer, you'll work in the Power BI service to review and interact with content that has been shared with you. This module provides the foundational information that you need to work effectively in the Power BI service.	Feb 20, 2024	1 hr 9 min	N/A
Introduction to Power BI	Introduction to Power BI	Feb 17, 2024	49 min	N/A