



# Transcript

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### Modules completed

498

### Training hours completed

384 hr 39 min

## Modules completed

Module title	Description	Completed on	Duration
Work with requirements as a solution architect for Microsoft Power Platform and Dynamics 365	It is important to capture the customer's needs accurately. This module explains how to capture requirements and identify functional and non-functional items.	Aug 8, 2024	23 min
Propose a solution as a Solution Architect for Microsoft Power Platform and Dynamics 365	Learn how to propose a solution.	Aug 8, 2024	40 min
Discover customer needs as a Solution Architect for Dynamics 365 and Microsoft Power Platform	Learn how to ask customers questions about their business processes and feature requirements to create a viable solution.	Aug 8, 2024	36 min

Module title	Description	Completed on	Duration
Getting started with the Microsoft Cloud Adoption Framework for Azure	Use the Cloud Adoption Framework getting-started guides to unblock your organization's cloud adoption efforts.	Aug 8, 2024	43 min
Prepare for cloud security using the Cloud Adoption Framework	Security is a core consideration for all customers, in every environment. But moving to the cloud is a significant change that requires a shift in your security mindset and approach. The Cloud Adoption Framework provides guidance for this security journey by providing clarity for the processes, best practices, models, and experiences.	Aug 8, 2024	54 min
Innovate applications by using Azure cloud technologies	Innovation is a complex topic that encompasses many disciplines. The agility of the public cloud allows quicker innovation cycles and quicker hypothesis verification. Learn how to use Azure cloud technologies to sustain your organization's innovation requirements.	Aug 8, 2024	56 min
Ensure stable operations and optimization across all supported workloads deployed to the cloud	As workloads are deployed to the cloud, operations are critical to success.	Aug 8, 2024	1 hr 7 min
Solution Architect series: Implement project governance for Power Platform and Dynamics 365	Learn about project governance as a solution architect.	Aug 8, 2024	28 min

Module title	Description	Completed on	Duration
Address tangible risks with the Govern methodology of the Cloud Adoption Framework for Azure	Any technical change introduces risk in your cloud environment. Learn how to evaluate risks and implement guardrails to help keep you safe as you adopt the cloud.	Aug 8, 2024	1 hr 33 min
Migrate to Azure through repeatable processes and common tools	The Migrate methodology in the Cloud Adoption Framework guides you through migration to Azure by using repeatable processes and common tools.	Aug 8, 2024	56 min
Choose the best Azure landing zone to support your requirements for cloud operations	Azure landing zones help accelerate how you configure your environment to meet your operational requirements.	Aug 8, 2024	1 hr 29 min
Prepare for cloud adoption with a data-driven plan	Prepare for cloud adoption with a data-driven cloud adoption plan from the Cloud Adoption Framework. For new innovations, learn from others who have used the target platforms. For migrations, understand how to evaluate your assets and plan the efforts required to move them to the cloud.	Aug 8, 2024	1 hr 53 min
Prepare for successful cloud adoption with a well-defined strategy	Success in cloud adoption depends on having a clear strategy that helps a team understand executive direction and regularly measure progress. This module will help you capture the cloud adoption strategy you need to drive your success.	Aug 8, 2024	1 hr 12 min

Module title	Description	Completed on	Duration
Microsoft Azure Well-Architected Framework - Security	Discover the tools that Azure provides to help you design a secure environment throughout your infrastructure, data, network, and applications.	Aug 8, 2024	54 min
Microsoft Azure Well-Architected Framework - Reliability	Learn how to recover from infrastructure and service failure, loss of data, and disasters by incorporating reliability into your architecture.	Aug 8, 2024	1 hr 29 min
Microsoft Azure Well-Architected Framework - Performance efficiency	Learn how to adjust your capacity based on workload and how to optimize network performance, storage, and database performance.	Aug 8, 2024	1 hr 5 min
Microsoft Azure Well-Architected Framework - Operational excellence	Learn how to design an Azure architecture that uses modern practices and gives you full visibility into what's happening in your environment.	Aug 8, 2024	1 hr 37 min
Manage Microsoft Defender for Cloud Apps	This module covers Microsoft Defender for Cloud Apps, focusing on securing sensitive data, its relevance in dynamic work settings, and effective utilization for improved security posture.	Aug 8, 2024	27 min
Manage Microsoft Defender in Windows client	This module explains the built-in security features of Windows clients and how to implement them using policies.	Aug 8, 2024	42 min
Deploy and manage Azure IaaS Active Directory domain controllers in Azure	Deploy and manage Azure IaaS Active Directory domain controllers in Azure	Aug 8, 2024	39 min

Module title	Description	Completed on	Duration
Implement hybrid identity with Windows Server	Implement hybrid identity with Windows Server	Aug 8, 2024	1 hr 49 min
Implement hybrid network infrastructure	You'll learn to connect your on-premises environment to Azure, implement subnets and routing between your on-premises and cloud environments, and ensure that workloads in the cloud and on-premises perform DNS resolution to locate each other.	Aug 8, 2024	1 hr 9 min
Implement remote access	Implement remote access	Aug 8, 2024	59 min
Implement IP Address Management	Implement IP Address Management	Aug 8, 2024	1 hr 15 min
Secure Windows Server DNS	Secure Windows Server DNS	Aug 7, 2024	58 min
Implement Windows Server DNS	Implement Windows Server DNS	Aug 7, 2024	49 min
Deploy and manage DHCP	Deploy and manage DHCP	Aug 7, 2024	1 hr 10 min
Create a Windows virtual machine in Azure	Learn to create an Azure virtual machine in minutes that can be used like a local physical desktop or server.	Aug 7, 2024	51 min

Module title	Description	Completed on	Duration
Manage virtual machines with the Azure CLI	Learn how to use the cross-platform Azure CLI to create, start, stop, and perform other management tasks related to virtual machines in Azure.	Aug 7, 2024	51 min
Configure Azure Container Instances	You will learn how to configure Azure Container Instances including container groups.	Aug 7, 2024	26 min
Configure Azure App Services	You will learn how to configure and monitor the Azure App Service including deployment slots.	Aug 7, 2024	1 hr 2 min
Configure app service plans	You will learn how to configure the App Service Plan including pricing and scaling.	Aug 7, 2024	21 min
Configure virtual machine availability	You will learn how to configure virtual machine availability including vertical and horizontal scaling.	Aug 7, 2024	1 hr 3 min
Configure storage accounts	You will learn to configure storage accounts including replication and endpoints.	Aug 7, 2024	54 min
Upload, download, and manage data with Azure Storage Explorer	Azure Storage Explorer allows you to quickly view all the storage services under your account. You can browse through, read, and edit data stored in those services through a user-friendly graphical interface.	Aug 7, 2024	37 min
Control access to Azure Storage with shared access signatures	Grant access to data stored in your Azure Storage accounts securely through the use of shared access signatures.	Aug 7, 2024	37 min

Module title	Description	Completed on	Duration
Create an Azure Storage account	Discover ways to use an Azure Storage account to manage your data for billing, access, and storage location of your blobs, files, queues, and tables.	Aug 7, 2024	30 min
Configure Azure files and Azure File Sync	You will learn how to configure Azure file and file sync.	Aug 7, 2024	36 min
Configure storage security	You will learn how to configure common storage security features like storage access signatures.	Aug 7, 2024	55 min
Configure blob storage	You will learn how to configure blob storage including tiers and object replication.	Aug 7, 2024	45 min
Understand Azure Active Directory	This module equips learners to describe Azure AD - a cloud-based identity and access management service. They'll compare it with AD DS, understand its role as a directory for cloud services, and learn about its security features. They'll also learn about Azure AD Domain Services.	Aug 7, 2024	23 min
Track model training in Jupyter notebooks with MLflow	Track model training in Jupyter notebooks with MLflow	Aug 7, 2024	33 min
Introduction to Bash	Learn how to use Bash to manage IT infrastructure.	Aug 7, 2024	57 min

Module title	Description	Completed on	Duration
Microsoft Azure Well-Architected Framework - Cost optimization	Learn how to use the cost optimization pillar of the Microsoft Azure Well-Architected Framework to design a cloud-based architecture that is efficient, eliminates waste, and gives you full visibility into where your money is spent on cloud resources.	Aug 7, 2024	1 hr 4 min
Design migrations	Azure Architects design and recommend migration solutions.	Aug 7, 2024	40 min
Design a compute solution	Azure Architects design and recommend compute solutions.	Aug 7, 2024	41 min
Deploy workloads with Azure Databricks Workflows	Learn how to deploy workloads with Azure Databricks Workflows	Aug 7, 2024	1 hr 9 min
Build data pipelines with Delta Live Tables	Learn how to build data pipelines with Delta Live Tables in Azure Databricks	Aug 7, 2024	1 hr 24 min
Perform data analysis with Azure Databricks	Perform data analysis with Azure Databricks	Aug 7, 2024	54 min
Use AI-powered tools for training	This module contains sample activities that demonstrate how to integrate AI-powered tools into your learning environment.	Aug 7, 2024	1 hr 27 min

Module title	Description	Completed on	Duration
Exploring artificial intelligence in action	This module explores various subsets within artificial intelligence (AI) such as natural language processing (NLP), computer vision, and recommendation systems and discuss the integration of AI-powered tools into a learning environment.	Aug 7, 2024	19 min
Introduction to artificial intelligence for trainers	This module explores the dynamic integration of artificial intelligence (AI) in education.	Aug 7, 2024	17 min
Manage Microsoft Defender for Endpoint	This module explores using Microsoft Defender for Endpoint to provide additional protection and monitor devices against threats.	Aug 1, 2024	37 min
Deploy device data protection	This module describes how you can use Intune to create and manage WIP policies that manage this protection. The module also covers implementing BitLocker and Encrypting File System.	Aug 1, 2024	48 min
Responsible generative AI in AI Studio	A practical approach to implementing generative AI responsibly, and exploring content filters in AI Studio.	Aug 1, 2024	50 min
Explore use cases of Microsoft Copilot for Security	Explore use cases of Microsoft Copilot for Security.	Jul 26, 2024	2 hr 19 min
Equip and support learners with AI tools from Microsoft	Help learners discover, interact, and create with AI and generative AI including responsible use of AI and prompt engineering.	Jul 11, 2024	1 hr

Module title	Description	Completed on	Duration
Enhance teaching and learning with Bing Chat	Learn how to use basic Bing Chat and Bing Chat Enterprise functionalities that support teaching and learning.	Jul 11, 2024	1 hr
Perform basic string formatting in C#	Combine literal and variable text data that are filled with special characters, formatting, and Unicode into meaningful messages for the end user.	Jul 11, 2024	54 min
Guided project - Calculate final GPA	Guided project - Calculate final GPA	Jul 11, 2024	54 min
Guided project - Calculate and print student grades	Guided project - Calculate and print student grades	Jul 11, 2024	44 min
Introduction to generative AI - Exploring the basics	By understanding the basics of generative AI models, you empower yourself to make responsible decisions when using these models. This knowledge allows you to critically evaluate outputs, assess their reliability, and understand potential limitations leading to more informed and effective interactions with generative AI.	Jul 11, 2024	22 min
Summarize with Microsoft Copilot for Microsoft 365	Learn how to craft an effective prompt to save time and effort by using Microsoft Copilot to summarize, simplify, and visualize complex information using Microsoft Copilot in Microsoft Word, PowerPoint, Excel, and Outlook.	Jul 11, 2024	34 min

Module title	Description	Completed on	Duration
Ask questions and analyze content with Microsoft Copilot for Microsoft 365	Discover ways to prompt Microsoft Copilot in Word, PowerPoint, Teams, and Outlook to ask, analyze, and receive recommendations for fresh ideas and content. Whether you need specific information, comparative analysis, or helpful suggestions, Copilot is your goto tool.	Jul 11, 2024	38 min
Edit and transform content with Microsoft Copilot for Microsoft 365	Learn how to craft an effective prompt to save time and effort by using Microsoft Copilot to edit, transform, and rewrite information using Microsoft Copilot in Microsoft Word, PowerPoint, Excel, and Outlook.	Jul 11, 2024	31 min
Create and draft with Microsoft Copilot for Microsoft 365	Learn how to craft an effective prompt to save time and effort by using Microsoft Copilot to create, draft, and brainstorm new ideas and material using Microsoft Copilot in Microsoft Word, PowerPoint, Teams, and Outlook.	Jul 11, 2024	27 min
Find the best classification model with Automated Machine Learning	Find the best classification model with Automated Machine Learning	Jul 11, 2024	37 min
Empower educators to explore the potential of artificial intelligence	Explore essential AI concepts, techniques, and tools that can support personalized learning, automate daily tasks, and provide insights for education.	Jun 16, 2024	53 min
Design network solutions	Azure Architects design and recommend network solutions.	May 13, 2024	34 min

Module title	Description	Completed on	Duration
Design an application architecture	Design an application architecture	May 13, 2024	35 min
Design a data storage solution for non-relational data	Azure Architects design and recommend non-relational data storage solutions.	May 13, 2024	44 min
Design data integration	Azure Architects design and recommend data integration solutions.	May 13, 2024	34 min
Design a data storage solution for relational data	Azure Architects design and recommend relational data storage solutions.	May 13, 2024	41 min
Describe high availability and disaster recovery strategies	Describe high availability and disaster recovery strategies	May 13, 2024	59 min
Design a solution for backup and disaster recovery	During this module, you learned how to select appropriate backup solutions for Azure workloads. You also learned how to select appropriate disaster recovery options for these workloads. Having completed this module, you'll now be able to select appropriate backup and recovery solutions for your workloads.	May 13, 2024	30 min
Design governance	Azure Architects design and recommend governance solutions.	May 13, 2024	32 min
Design a solution to log and monitor Azure resources	Azure Architects design and recommend logging and monitoring solutions.	May 13, 2024	23 min

Module title	Description	Completed on	Duration
Contribute to an open-source project on GitHub	Learn how to contribute to an open-source project on GitHub.	May 13, 2024	27 min
Deepen educational experiences with the 21CLD ICT for learning dimension	This module highlights for educators the need to use information and communication technologies (ICT) to transform learning experiences and create and design new information and ICT products.	Apr 29, 2024	51 min
Develop learner executive function with the 21CLD self-regulation dimension	This module introduces the concept of self-regulation and teaches educators how to design learning activities to help learners develop this important skill.	Apr 29, 2024	58 min
Improve communication skills with the 21CLD skilled communication dimension	This module introduces the concept of skilled communication to educators and supports them in designing learning activities to help young people develop this important skill.	Apr 29, 2024	51 min
Innovate learning with the 21CLD real-world problem solving and innovation dimension	This module defines real-world problem solving for educators and explains the dimensions that must be present in such classroom activities to prepare learners with 21st century skills.	Apr 29, 2024	51 min
Practice collaborative skills with the 21CLD collaboration dimension	This module helps educators design learning activities for learners to develop collaboration skills. It introduces the levels of collaboration: sharing responsibility, making substantive decisions together, and working interdependently.	Apr 29, 2024	1 hr

Module title	Description	Completed on	Duration
Develop critical thinking skills with the 21CLD knowledge construction dimension	This module introduces educators to the dimension of knowledge construction which helps learners build deep knowledge that they can transfer and apply in practice.	Apr 29, 2024	58 min
Transform learning with 21st century learning design	Understand the concept of 21st century learning design. Explore learning in the 21st century and innovative teaching practices that support the development of 21st century skills.	Apr 29, 2024	53 min
Embed 21st century skills with 21st century learning design	Implement 21st century skills and learning into classes using 21CLD for lesson design. Practical activities help educators reflect on their practice and that of other educators.	Apr 29, 2024	29 min
Challenge project - Create a mini-game	Use methods with parameters and return values to develop the features of a console mini-game.	Apr 29, 2024	45 min
Guided project - Plan a Petting Zoo Visit	Create an application that coordinates school visits to a petting zoo. This project requires the use of different methods with return types and parameters to complete the code.	Apr 29, 2024	28 min
Guided project - Work with variable data in C#	Guided project - Work with variable data in C#	Apr 29, 2024	38 min
Configure network security groups	You will learn how to implement network security groups and ensure network security group rules are correctly applied.	Apr 29, 2024	42 min

Module title	Description	Completed on	Duration
Configure virtual networks	You will learn to configure virtual networks and subnets, including IP addressing.	Apr 29, 2024	35 min
Introduction to PowerShell	This module introduces PowerShell, a cross-platform command-line shell and scripting language built for task automation and configuration management.	Apr 29, 2024	16 min
Introduction to Azure Cloud Shell	In this module you'll learn what Azure Cloud Shell does, how it works, and when you should choose to use Azure Cloud Shell as a solution to meet your organization's needs.	Apr 29, 2024	29 min
Store and retrieve data using literal and variable values in C#	Use data in your applications by creating literal values and variable values of different data types.	Apr 29, 2024	48 min
Introduction to GitHub Copilot Enterprise	GitHub Copilot Enterprise is designed as an intelligent companion for developers, making the vast repository of your organization's institutional knowledge readily accessible. This cutting-edge tool empowers your team to query both public and private codebases directly, facilitating a smoother onboarding process for new codebases, fostering consistency across engineering teams, and ensuring universal access to established standards and previously completed work.	Apr 29, 2024	17 min

Module title	Description	Completed on	Duration
Monitor a Microsoft Fabric data warehouse	Monitor a Microsoft Fabric data warehouse	Apr 29, 2024	52 min
Use Microsoft Copilot to create training materials	Discover how Microsoft Copilot can enhance your training materials and resources. From content generation to image creation, experience a new era of engaging and effective learning.	Apr 29, 2024	1 hr 28 min
Create images with generative AI	Discover AI-powered image generators. Learn about image creation tools like Microsoft Image Creator. Understand their potential applications in the workplace and training settings and discover best practices for optimal results. Enhance your skills and transform your creative process with AI-powered image generators.	Apr 29, 2024	26 min
Create effective prompts for generative AI training tools	Learn how to craft engaging and informative prompts with Microsoft Copilot. This module will teach you the basic concepts of prompt engineering, the elements of an effective prompt, and best practices in prompting.	Apr 29, 2024	20 min
Design a data ingestion strategy for machine learning projects	Design a data ingestion strategy for machine learning projects	Apr 29, 2024	33 min
Design a machine learning operations solution	Design machine learning operations MLOps solution with Azure Machine Learning Python SDK v2	Apr 29, 2024	36 min

Module title	Description	Completed on	Duration
Design a model deployment solution	Azure Machine Learning Python SDK v2	Apr 29, 2024	27 min
Design a machine learning model training solution	Design a machine learning model training solution	Apr 29, 2024	32 min
Create and explore the Responsible AI dashboard for a model in Azure Machine Learning	Create and explore the Responsible AI dashboard for a model in Azure Machine Learning using the Python SDK v2.	Apr 29, 2024	42 min
Register an MLflow model in Azure Machine Learning	Register an MLflow model in Azure Machine Learning	Apr 29, 2024	40 min
Query a data warehouse in Microsoft Fabric	Learn how to query a data warehouse in Microsoft Fabric using different tools.	Apr 29, 2024	1 hr 3 min
Design authentication and authorization solutions	Azure Architects design and recommend authentication and authorization solutions.	Apr 29, 2024	48 min
Introduction to the Microsoft Azure Well-Architected Framework	Learn how using key principles throughout your cloud architecture can help you design and build a solid architectural foundation that you can continuously improve.	Apr 29, 2024	1 hr 4 min
Microsoft Cloud Adoption Framework for Azure	Learn how to use the Cloud Adoption Framework to develop best practices for cloud adoption in real-world scenarios.	Apr 29, 2024	50 min

Module title	Description	Completed on	Duration
Design a Power BI application lifecycle management strategy	The use of OneDrive, Git repositories, and Power BI deployment pipelines allows us to follow application lifecycle management techniques. This reduces administrative overhead and provides continuity in the development process.	Apr 29, 2024	26 min
Create and manage Power BI assets	Creating shared data assets for your analytics environment provides structure and consistency. Maintaining those assets is as important, and XMLA endpoint provides additional administrative capabilities.	Apr 29, 2024	1 hr 8 min
Build reports using Power BI within Azure Synapse Analytics	Build reports using Power BI within Azure Synapse Analytics	Apr 29, 2024	53 min
Provide governance in a Power BI environment	Learn the fundamental rules, regulations, and policies of a BI governance approach.	Apr 29, 2024	12 min
Broaden the reach of Power BI	Learn the various ways to share Power BI reports beyond your Power BI tenant.	Apr 29, 2024	19 min
Monitor and audit usage	Learn how to use activity logs and auditing with Power BI to monitor and inspect user activity in a Power BI environment.	Apr 29, 2024	11 min
Understand advanced data visualization concepts	Create cohesive, inclusive, and efficient Power BI reports to effectively communicate results.	Apr 29, 2024	25 min

Module title	Description	Completed on	Duration
Monitor data in real-time with Power BI	Describe real-time analytics in Power BI using automatic page refresh, real-time dashboards, and auto-refresh in paginated reports.	Apr 29, 2024	1 hr 28 min
Create calculation groups	Power BI, calculation groups, enterprise data analyst	Apr 29, 2024	1 hr 3 min
Create and manage scalable Power BI dataflows	Create Power BI transformation logic for reuse across your organization with Power BI dataflows. Learn how to combine Power BI dataflows with Power BI Premium for scalable ETL, and practice creating and consuming dataflows.	Apr 29, 2024	1 hr 12 min
Understand scalability in Power BI	Scalable data models enable enterprise-scale analytics in Power BI. Implement data modeling best practices, use large dataset storage format, and practice building a star schema to design analytics solutions that can scale.	Apr 29, 2024	1 hr 8 min
Explore Azure data services for modern analytics	Understand analytics solutions in the Azure data ecosystem. Explore the architecture of a scalable analytics solution to meet business needs.	Apr 29, 2024	18 min
Explore data analytics at scale	Describe data analytics at scale and understand the roles of a data team. Learn about the responsibilities of an enterprise data analyst and what tools are available to build scalable solutions.	Apr 29, 2024	29 min

Module title	Description	Completed on	Duration
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 29, 2024	28 min
Create dashboards in Power BI	Microsoft Power BI dashboards are different than Power BI reports. Dashboards allow report consumers to create a single artifact of directed data that is personalized just for them. Dashboards can be comprised of pinned visuals that are taken from different reports. Where a Power BI report uses data from a single dataset, a Power BI dashboard can contain visuals from different datasets.	Apr 29, 2024	1 hr 1 min
Mitigate incidents using Microsoft 365 Defender	Mitigate incidents using Microsoft 365 Defender	Apr 29, 2024	1 hr 11 min
Introduction to Microsoft 365 threat protection	Introduction to Microsoft 365 threat protection	Apr 29, 2024	28 min
Describe the embedded experiences of Microsoft Copilot for Security	Microsoft Copilot for Security is accessible directly from some Microsoft security products, this is referred to the embedded experience. Learn about the scenarios supported by the Copilot embedded experience in Microsoft's security solutions.	Apr 29, 2024	34 min

Module title	Description	Completed on	Duration
Implement row-level security	Row-level security (RLS) allows you to create a single or a set of reports that targets data for a specific user. In this module, you will learn how to implement RLS by using either a static or dynamic method and how Microsoft Power BI simplifies testing RLS in Power BI Desktop and Power BI service.	Apr 29, 2024	29 min
Refine and test machine learning models	When we think of machine learning, we often focus on the training process. A small amount of preparation before this process can not only speed up and improve learning but also give us some confidence about how well our models will work when faced with data we have never seen before.	Apr 29, 2024	52 min
Train and understand regression models in machine learning	Regression is arguably the most widely used machine learning technique, commonly underlying scientific discoveries, business planning, and stock market analytics. This learning material takes a dive into some common regression analyses, both simple and more complex, and provides some insight on how to assess model performance.	Apr 29, 2024	52 min
Introduction to data for machine learning	The power of machine learning models comes from the data that is used to train them. Through content and exercises, we explore how to understand your data, how to encode it so that the computer can interpret it properly, how to clean it of errors, and tips that will help you create models that perform well.	Apr 29, 2024	45 min

Module title	Description	Completed on	Duration
Build classical machine learning models with supervised learning	Supervised learning is a form of machine learning where an algorithm learns from examples of data. We progressively paint a picture of how supervised learning automatically generates a model that can make predictions about the real world. We also touch on how these models are tested, and difficulties that can arise in training them.	Apr 29, 2024	52 min
Train and evaluate deep learning models	Train and evaluate deep learning models	Apr 29, 2024	2 hr 14 min
Train and evaluate clustering models	Clustering is a kind of machine learning that is used to group similar items into clusters.	Apr 29, 2024	38 min
Train and evaluate classification models	Train and evaluate classification models	Apr 29, 2024	47 min
Train and evaluate regression models	Regression is a commonly used kind of machine learning for predicting numeric values.	Apr 29, 2024	52 min
Explore and analyze data with Python	Data exploration and analysis is at the core of data science. Data scientists require skills in languages like Python to explore, visualize, and manipulate data.	Apr 29, 2024	49 min
A guide to artificial intelligence	This module explores fundamental concepts in artificial intelligence (AI) and machine learning.	Apr 20, 2024	33 min

Module title	Description	Completed on	Duration
Introduction to machine learning	A high-level overview of machine learning for people with little or no knowledge of computer science and statistics. You'll be introduced to some essential concepts, explore data, and interactively go through the machine learning life-cycle - using Python to train, save, and use a machine learning model like we would in the real world.	Apr 20, 2024	52 min
Introduction to Azure AI Studio (preview)	Microsoft Azure offers multiple services that enable developers to build amazing AI-powered solutions. Azure AI Studio (preview) brings these services together in a single unified experience for AI development on the Azure cloud platform.	Mar 23, 2024	48 min
Build a copilot solution with your own data using Azure AI Studio (preview)	Copilots can work alongside you to provide suggestions, generate content, or help you make decisions. Copilots use language models as a form of generative artificial intelligence (AI) and will answer your questions using the data they were trained on. To ensure a copilot retrieves information from a specific source, you can add your own data when building a copilot with the Azure AI Studio (preview).	Mar 23, 2024	41 min
Get started with prompt flow to develop language model apps in the Azure AI Studio (preview)	Get started with prompt flow to develop language model apps in the Azure AI Studio (preview).	Mar 23, 2024	45 min

Module title	Description	Completed on	Duration
Challenge Project – Use Generative AI to create a Business Model for your startup	Challenge Project - Use Generative AI (Bing Chat) to Create a Business Model for your Startup or business	Mar 23, 2024	50 min
Challenge project - Using Generative AI for prototyping and MVP creation	In this challenge project, Bing Chat guides you on how to create prototypes/ mock-ups of your solution and on implementing the project.	Mar 23, 2024	35 min
Challenge project – Use generative AI to create ideate your startup	Challenge Project - Use Generative AI (Bing Chat) to Create the perfect idea for your Startup or business	Mar 23, 2024	32 min
Create and manage workspaces in Power BI	This module explains how you can share reports and datasets with your users and how to create a deployment strategy that makes sense for you and your organization. Furthermore, you will learn about data lineage in Microsoft Power BI.	Mar 23, 2024	29 min
Manage datasets in Power BI	With Microsoft Power BI, you can build multiple reports from a single dataset, meaning that if you change the dataset, all reports will be updated with that change. Additionally, you can clean and prep data once rather than repeatedly for each report.	Mar 23, 2024	23 min

Module title	Description	Completed on	Duration
Create paginated reports	Paginated reports allow report developers to create Power BI artifacts that have tightly controlled rendering requirements. Paginated reports are ideal for creating sales invoices, receipts, purchase orders, and tabular data. This module will teach you how to create reports, add parameters, and work with tables and charts in paginated reports.	Mar 23, 2024	17 min
Perform analytics in Power BI	You will learn how to use Power BI to perform data analytical functions, how to identify outliers in your data, how to group data together, and how to bin data for analysis. You will also learn how to perform time series analysis. Finally, you will work with advanced analytic features of Power BI, such as Quick Insights, AI Insights, and the Analyze feature.	Mar 23, 2024	1 hr 19 min
Enhance Power BI report designs for the user experience	Enhance Power BI report designs for the user experience	Mar 23, 2024	1 hr 38 min
Configure Power BI report filters	Report filtering is a complex topic because many techniques are available for filtering a Microsoft Power BI report. However, with complexity comes control, allowing you to design reports that meet requirements and expectations.	Mar 23, 2024	45 min

Module title	Description	Completed on	Duration
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.	Mar 23, 2024	1 hr 39 min
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.	Mar 23, 2024	34 min
Develop secure IoT Solutions for Azure Sphere with IoT Hub	Develop highly secure IoT solutions with Azure Sphere, Azure RTOS and Azure IoT Hub	Mar 23, 2024	2 hr 5 min
Image classification using Azure Sphere	University of Oxford	Mar 23, 2024	1 hr 8 min
Introduction to Azure Sphere	University of Oxford	Mar 23, 2024	30 min
Train a model and debug it with Responsible AI dashboard	Learn how to debug an AI model using the Responsible AI dashboard in Azure Machine Learning studio to ensure it performs responsibly and is less harmful.	Mar 23, 2024	1 hr 5 min

Module title	Description	Completed on	Duration
Get started with prompt flow to develop Large Language Model (LLM) apps	Get started with prompt flow to develop Large Language Model (LLM) apps.	Mar 23, 2024	45 min
Fine-tune a foundation model with Azure Machine Learning	Learn how to fine-tune a foundation model from the model catalog in Azure Machine Learning.	Mar 23, 2024	47 min
Understand the Transformer architecture and explore large language models in Azure Machine Learning	Learn about the history of natural language processing (NLP), including how the Transformer architecture revolutionized the field and helped us create large language models (LLMs). Work with LLMs in Azure Machine Learning through the foundation models in the model catalog.	Mar 23, 2024	54 min
Deploy a model to a batch endpoint	Deploy a model to a batch endpoint	Mar 23, 2024	44 min
Deploy a model to a managed online endpoint	Deploy a model to a managed online endpoint	Mar 23, 2024	45 min
Run pipelines in Azure Machine Learning	Run pipelines in Azure Machine Learning	Mar 23, 2024	40 min
Perform hyperparameter tuning with Azure Machine Learning	Perform hyperparameter tuning with Azure Machine Learning	Mar 23, 2024	46 min

Module title	Description	Completed on	Duration
Track model training with MLflow in jobs	Track model training with MLflow in jobs	Mar 23, 2024	34 min
Run a training script as a command job in Azure Machine Learning	Run a command job with the Azure Machine Learning Python SDK v2	Mar 23, 2024	37 min
Build effective bots with Power Virtual Agents	Learn the techniques and best practices that help to create chatbots that users want to interact with.	Mar 23, 2024	56 min
Enhance Power Virtual Agents bots	Microsoft Power Virtual Agents helps you quickly enhance your bot's functionality to make it even more powerful. This module examines methods that you can use to enhance your Power Virtual Agents bots.	Mar 23, 2024	25 min
Work with entities and variables in Power Virtual Agents	Learn about working with entities and variables.	Mar 23, 2024	34 min
Manage topics in Power Virtual Agents	Microsoft Power Virtual Agents uses trigger phrases in bots to identify when to present a topic to a customer. This module will examine how you can use topics to create and manage conversation paths in a bot.	Mar 23, 2024	55 min
Get started with Power Virtual Agents bots	Learn about Microsoft Power Virtual Agents bots.	Mar 23, 2024	58 min

Module title	Description	Completed on	Duration
Get started with Data Activator in Microsoft Fabric	Use Data Activator in Microsoft Fabric to easily monitor and take action on your data.	Mar 23, 2024	1 hr 6 min
Get started with data science in Microsoft Fabric	Get started with data science in Microsoft Fabric by learning how to train a model in a notebook, and track your metrics with MLflow and experiments.	Mar 23, 2024	46 min
Administer Microsoft Fabric	Administer Microsoft Fabric	Mar 23, 2024	30 min
Create and manage a Power BI deployment pipeline	The deployment pipelines tool enables Power BI creators to manage the development lifecycle of organizational content.	Mar 23, 2024	42 min
Load data into a Microsoft Fabric data warehouse	Explore the process of loading data into a warehouse in Microsoft Fabric.	Mar 23, 2024	1 hr 10 min
Organize a Fabric lakehouse using medallion architecture design	Explore the potential of the medallion architecture design in Microsoft Fabric. Organize and transform your data across Bronze, Silver, and Gold layers of a lakehouse for optimized analytics.	Mar 23, 2024	1 hr 7 min
Work with Delta Lake tables in Microsoft Fabric	Tables in a Microsoft Fabric lakehouse are based on the Delta Lake technology commonly used in Apache Spark. By using the enhanced capabilities of delta tables, you can create advanced analytics solutions.	Mar 23, 2024	1 hr 3 min

Module title	Description	Completed on	Duration
Use Apache Spark in Microsoft Fabric	Apache Spark is a core technology for large-scale data analytics. Microsoft Fabric provides support for Spark clusters, enabling you to analyze and process data at scale.	Mar 23, 2024	1 hr 13 min
Get started with lakehouses in Microsoft Fabric	Get started with lakehouses in Microsoft Fabric	Mar 23, 2024	52 min
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.	Mar 23, 2024	22 min
Implement CI/CD for IoT Edge	This module implements CI/CD pipeline for edge devices	Mar 21, 2024	54 min
Introduction to MLOps for IoT Edge	University of Oxford	Mar 21, 2024	36 min
Run Cognitive Services on IoT Edge	University of Oxford	Mar 21, 2024	1 hr 4 min
Connecting IoT devices to Cognitive Services using Azure Functions	University of Oxford	Mar 21, 2024	1 hr 16 min
Introduction to Azure Functions for IoT	University of Oxford	Mar 21, 2024	27 min

Module title	Description	Completed on	Duration
Deploy a pre-built module to the Edge device	University of Oxford	Mar 21, 2024	56 min
Introduction to Azure IoT Edge	University of Oxford	Mar 21, 2024	29 min
Introduction to Azure IoT Hub	University of Oxford	Mar 21, 2024	28 min
Introduction to Azure IoT	Evaluate whether the Azure IoT services are appropriate to your IoT scenario.	Mar 21, 2024	32 min
Explore AI Specification document	We explain how to fill out AI Specification document for Autonomous AI use case.	Mar 21, 2024	21 min
Explore the art of selecting use cases for winning Autonomous AI	Learn to identify use cases for Autonomous AI.	Mar 21, 2024	16 min
Explore brain design patterns	Learn Autonomous Intelligence technologies and evaluate when to use it.	Mar 21, 2024	19 min
Introduction to Machine Teaching	Learn the concept of Machine Teaching and evaluate when to use it.	Mar 21, 2024	29 min
Explore Autonomous Intelligence	Learn Autonomous Intelligence technologies and evaluate when to use it.	Mar 21, 2024	17 min
Explore Automated Intelligence	Learn automated intelligence methods and evaluate when to use it.	Mar 21, 2024	29 min

Module title	Description	Completed on	Duration
Challenge project - Work with variable data in C#	Challenge project - Work with variable data in C#	Mar 21, 2024	43 min
Translate text and speech	Translate text and speech	Mar 21, 2024	29 min
Explore generative AI with Copilot in Bing	Interact with Copilot in Bing to learn about the capabilities of generative AI. Bring your personal creativity and passion to dream up a novel destination and create the content to help tell its story.	Mar 21, 2024	40 min
Introduction to GitHub Copilot	GitHub Copilot is an AI pair programmer that offers autocomplete-style suggestions as you code.	Mar 21, 2024	17 min
Using GitHub Copilot with Python	Use GitHub Copilot with Visual Studio Code to make changes and updates to a Python application.	Mar 21, 2024	22 min
Introduction to GitHub Copilot for Business	GitHub Copilot for Business builds the power of generative AI into an editor extension that suggests code in real-time. By using context to provide and synthesize code to match, it allows developers to convert comments to code, autofill repetitive code, and show alternatives.	Mar 21, 2024	23 min

Module title	Description	Completed on	Duration
Introduction to prompt engineering with GitHub Copilot	This module highlights the basic core principles of prompt engineering and explains the best practices to create prompts quickly and effectively in GitHub Copilot. Learn the strategies that transform comments into precise code, identify the steps within GitHub Copilot's prompt processing flow, and gain an understanding of the important role that Large Language Models (LLMs) play in enhancing suggestion quality.	Mar 21, 2024	26 min
Create accessible solutions using AI innovations	This module provides guidance on how to collaborate effectively with customers, partners, and the disability community to create innovative solutions that are accessible and inclusive. After completing this module, you'll have a better understanding of how AI can empower and enable people of all everyone.	Mar 20, 2024	31 min
Create Power BI model relationships	Power BI model relationships form the basis of a tabular model. Define Power BI model relationships, set up relationships, recognize DAX relationship functions, and describe relationship evaluation.	Mar 20, 2024	1 hr 30 min
Use tools to optimize Power BI performance	Use tools to develop, manage, and optimize Power BI data model and DAX query performance.	Mar 20, 2024	1 hr 25 min
Enforce Power BI model security	Enforce model security in Power BI using row-level security and object-level security.	Mar 20, 2024	1 hr 21 min

Module title	Description	Completed on	Duration
Optimize a model for performance in Power BI	Performance optimization, also known as performance tuning, involves making changes to the current state of the data model so that it runs more efficiently. Essentially, when your data model is optimized, it performs better.	Mar 20, 2024	1 hr 9 min
Use DAX time intelligence functions in Power BI Desktop models	By the end of this module, you'll learn the meaning of time intelligence and how to add time intelligence DAX calculations to your model. These calculations will include year-to-date (YTD), year-over-year (YoY) growth, and others.	Mar 20, 2024	1 hr 4 min
Configure and manage security monitoring and automation solutions	This module focuses on configuring and managing security monitoring and automation solutions using Azure Monitor and Microsoft Sentinel, enabling organizations to proactively identify and respond to security incidents in their cloud environment.	Mar 3, 2024	44 min
Configure and manage threat protection by using Microsoft Defender for Cloud	This module focuses on configuring and managing security monitoring and automation solutions using Azure Monitor and Microsoft Sentinel, enabling organizations to proactively identify and respond to security incidents in their cloud environment.	Mar 3, 2024	58 min
Manage security posture by using Microsoft Defender for Cloud	This module focuses on equipping administrators with the knowledge and skills needed to manage and enhance the security posture of their cloud environment using Microsoft Defender for Cloud, ensuring proactive identification and remediation of security risks.	Mar 3, 2024	1 hr 5 min

Module title	Description	Completed on	Duration
Plan, implement, and manage governance for security	This module focuses on enabling administrators to effectively plan, implement, and manage security governance in Azure, ensuring compliance with organizational policies and best practices.	Mar 3, 2024	1 hr 16 min
Plan and implement security for Azure SQL Database and Azure SQL Managed Instance	This module is designed to empower administrators with the knowledge and skills needed to plan and implement robust security measures for Azure SQL Database and Azure SQL Managed Instance, ensuring data protection and regulatory compliance.	Mar 3, 2024	1 hr 5 min
Plan and implement security for storage	This module is designed to provide administrators with the knowledge and skills required to plan and implement comprehensive security measures for Azure storage resources, safeguarding data integrity, confidentiality, and availability.	Mar 3, 2024	1 hr 19 min
Plan and implement advanced security for compute	This module is designed to provide administrators with the knowledge and skills needed to plan and implement advanced security measures for Azure compute resources, safeguarding applications and data against evolving security threats.	Mar 3, 2024	1 hr 19 min
Plan and implement security for public access to Azure resources	This module is designed to empower administrators with the knowledge and skills required to plan and implement robust security measures for public access to Azure resources, ensuring the confidentiality, integrity, and availability of applications and services.	Mar 3, 2024	58 min

Module title	Description	Completed on	Duration
Plan and implement security for private access to Azure resources	This module focuses on equipping administrators with the knowledge and skills required to plan and implement robust security measures for private access to Azure resources, safeguarding sensitive data and enhancing network integrity.	Mar 3, 2024	56 min
Plan and implement security for virtual networks	This module is designed to provide administrators with the knowledge and skills needed to plan and implement robust security measures for Azure virtual networks, ensuring the confidentiality, integrity, and availability of network resources.	Mar 3, 2024	1 hr 15 min
Manage application access in Microsoft Entra ID	This module focuses on effectively managing identities and enhancing security in Microsoft Enterprise Identity, ensuring that users, groups, and external identities are protected against security threats and unauthorized access.	Mar 3, 2024	1 hr 5 min
Manage authorization by using Microsoft Entra ID	This module is designed to provide administrators with the knowledge and skills required to effectively manage authorization using Microsoft Entra ID, ensuring that users have the appropriate access to resources and data.	Mar 3, 2024	1 hr 33 min
Manage authentication by using Microsoft Entra ID	This module is designed to provide administrators with the knowledge and skills needed to manage authentication effectively using Microsoft Entra ID, ensuring secure access to resources and enhancing user experience.	Mar 3, 2024	1 hr 16 min

Module title	Description	Completed on	Duration
Manage identities in Microsoft Entra ID	This module focuses on effectively managing identities and enhancing security in Microsoft Entra ID, ensuring that users, groups, and external identities are protected against security threats and unauthorized access.	Mar 3, 2024	53 min
Describe the AI authoring experience in Power Platform	This module introduces the learner to the ways in which you can harness artificial intelligence to improve your business processes. Microsoft Copilot Studio provides you with the capability to build copilots. AI Builder lets you build and use AI models that with Power Apps or Power Automate to optimize your business processes.	Mar 3, 2024	49 min
Demonstrate the capabilities of Power Pages	In this module, learners are introduced to the Microsoft Power Pages. Power Pages is a low-code platform that enables you to rapidly design, configure, and publish websites that work seamlessly across web browsers and devices. Power Pages enables you to build sites by using the same shared business data stored in Microsoft Dataverse. Now you can streamline this process even further by using Copilot.	Mar 3, 2024	41 min
Work with environments in Azure Machine Learning	Azure Machine Learning environments Python SDK v2	Mar 3, 2024	42 min
Work with compute targets in Azure Machine Learning	Azure Machine Learning Python SDK v2	Mar 3, 2024	37 min

Module title	Description	Completed on	Duration
Explore developer tools for workspace interaction	Explore developer tools for workspace interaction	Mar 3, 2024	57 min
Explore Azure Machine Learning workspace resources and assets	Explore Azure Machine Learning workspace resources and assets	Mar 3, 2024	42 min
Introduction to Power Automate	Introduction to Power Automate	Mar 3, 2024	1 hr 44 min
Introduction to Power Apps	Introduction to Power Apps	Mar 3, 2024	1 hr 54 min
Identify foundational components of Microsoft Power Platform	This module introduces learners to the foundational elements of Microsoft Power Platform. Topics range from administration, security, and governance to Microsoft Dataverse and data connectors.	Mar 3, 2024	1 hr 4 min
Introduction to Microsoft Power Platform	Introduction to Microsoft Power Platform	Mar 3, 2024	1 hr 18 min
Introduction to Power BI	Introduction to Power BI	Mar 3, 2024	49 min
Make data available in Azure Machine Learning	Make data available in Azure Machine Learning	Mar 3, 2024	39 min

Module title	Description	Completed on	Duration
Introduction to GitHub administration	Understand the security and control measures available to GitHub administrators within an organization or enterprise.	Mar 2, 2024	27 min
Introduction to GitHub	Learn to use key GitHub features, including issues, notifications, branches, commits, and pull requests.	Mar 2, 2024	1 hr 32 min
Introduction to GitHub's Products	Overview GitHub's products, associated features, and licensing of per-use and metered features.	Mar 2, 2024	23 min
Define a Microsoft AI strategy to create business value in retail	Discover AI use cases and scenarios for retail. Get familiar with Microsoft AI tools and services for retail. Learn from real success stories.	Mar 2, 2024	29 min
Define a Microsoft AI strategy to create business value in healthcare	Discover AI use cases and scenarios for healthcare. Get familiar with Microsoft AI tools and services for healthcare. Learn from real success stories.	Mar 2, 2024	34 min
Define a Microsoft AI strategy to create business value in manufacturing	Discover AI use cases and scenarios for manufacturing. Get familiar with Microsoft AI tools and services for manufacturing. Learn from real success stories.	Mar 2, 2024	30 min
Fundraising for your startup	Learn how to raise money from investors such as angels and venture capital funds. See practical tips for asking potential investors for funding.	Mar 2, 2024	37 min

Module title	Description	Completed on	Duration
Naming and branding	Learn how to choose a good name for your startup and create a strong brand. Understand naming principles. See practical tips for naming and branding.	Mar 2, 2024	27 min
Getting to revenue	Learn about the most common startup revenue models. See practical tips on how to get your startup to start generating revenue.	Mar 2, 2024	27 min
Startup fundamentals	Explore the fundamentals and core business concepts of startups. Learn about factors that can lead to success and failure.	Mar 2, 2024	36 min
Improve search results using vector search in Azure Cognitive Search	Learn how to improve search results using vector search.	Feb 25, 2024	21 min
Use semantic search to get better search results in Azure Cognitive Search	Learn how semantic search can help you to improve your Azure Cognitive Search results.	Feb 25, 2024	24 min
Maintain an Azure Cognitive Search solution	Maintain the performance, cost, and reliability of your Azure Cognitive Search solutions.	Feb 25, 2024	1 hr 13 min
Search data outside the Azure platform in Azure Cognitive Search using Azure Data Factory	Use Azure Data Factory to add data that resides inside or outside the Azure platform into your search indexes.	Feb 25, 2024	37 min

Module title	Description	Completed on	Duration
Build an Azure Machine Learning custom skill for Azure Cognitive Search	Custom skills allow you to enhance datasets as they pass through the enrichment pipeline. Using Azure Machine Learning as a custom skill means you can build custom models for regression or classification to enrich your search indexes.	Feb 25, 2024	43 min
Implement advanced search features in Azure Cognitive Search	Use more advanced features of Azure Cognitive Search to improve your existing search solutions. Learn how to change the ranking on documents, boost the most important terms to your organization, and allow searching in multiple languages.	Feb 25, 2024	54 min
Enrich a search index using Language Studio	Azure Cognitive Service for language gives you the power of Natural Language Processing (NLP) to automatically understand and analyze text. You can use that power to enhance your search solutions.	Feb 25, 2024	52 min
Create a knowledge store with Azure Cognitive Search	Create a knowledge store with Azure Cognitive Search	Feb 25, 2024	46 min
Create a custom skill for Azure Cognitive Search	Create a custom skill for Azure Cognitive Search	Feb 25, 2024	46 min
Create an Azure Cognitive Search solution	Create an Azure Cognitive Search solution	Feb 25, 2024	1 hr 3 min
Deploy Azure AI services in containers	Learn to deploy Azure AI services in containers	Feb 25, 2024	49 min

Module title	Description	Completed on	Duration
Monitor Azure AI services	Learn to monitor Azure AI services.	Feb 25, 2024	42 min
Secure Azure AI services	Learn to secure Azure AI services.	Feb 25, 2024	42 min
Create and consume Azure AI services	Learn to create and consume Azure AI services.	Feb 25, 2024	42 min
Prepare to develop AI solutions on Azure	Prepare to develop AI solutions on Azure	Feb 25, 2024	31 min
Use SQL Warehouses in Azure Databricks	Use SQL Warehouses in Azure Databricks	Feb 25, 2024	44 min
Use Delta Lake in Azure Databricks	Use Delta Lake in Azure Databricks	Feb 25, 2024	1 hr 3 min
Run Azure Databricks Notebooks with Azure Data Factory	Run Azure Databricks Notebooks with Azure Data Factory	Feb 25, 2024	1 hr 1 min
Explore Azure Databricks	Explore Azure Databricks	Feb 25, 2024	44 min
Examine data security and compliance in Microsoft 365 Copilot	This module examines how Microsoft 365 Copilot adheres to existing privacy and compliance obligations, how it ensures data residency and compliance boundary, and how it uses access controls and isolation to protect sensitive business data.	Feb 25, 2024	25 min

Module title	Description	Completed on	Duration
Examine the Microsoft 365 Copilot design	This module examines Microsoft 365 Copilot and its key components, as well as how Copilot works, how it uses the Semantic Index, and how you can extend it using Microsoft Graph connectors.	Feb 25, 2024	21 min
Secure your cloud apps and services with Microsoft Cloud App Security	Microsoft Cloud App Security is a Cloud Access Security Broker (CASB) that operates on multiple clouds. It provides rich visibility, control over data travel, and sophisticated analytics to identify and combat cyberthreats across all your cloud services. Learn how to use Cloud App Security in your organization.	Feb 21, 2024	1 hr 9 min
Safeguard your environment with Microsoft Defender for Identity	Learn about the Microsoft Defender for Identity component of Microsoft 365 Defender.	Feb 21, 2024	1 hr 8 min
Remediate risks with Microsoft Defender for Office 365	Learn about the Microsoft Defender for Office 365 component of Microsoft 365 Defender.	Feb 21, 2024	49 min
Protect your identities with Azure AD Identity Protection	Use the advanced detection and remediation of identity-based threats to protect your Azure Active Directory identities and applications from compromise.	Feb 21, 2024	34 min
Manage device identity with Azure AD join and Enterprise State Roaming	Learn how to manage device identity by using Azure AD join and Enterprise State Roaming.	Feb 21, 2024	25 min

Module title	Description	Completed on	Duration
Secure Azure Active Directory users with Multi-Factor Authentication	Learn how to use multi-factor authentication with Azure AD to harden your user accounts.	Feb 21, 2024	38 min
Manage users and groups in Azure Active Directory	Manage users and groups in Azure Active Directory	Feb 21, 2024	50 min
Add custom domain name to Azure Active Directory	Learn how to add custom domain name to Azure Active Directory.	Feb 21, 2024	18 min
Allow users to reset their password with Azure Active Directory self-service password reset	Learn how to allow users to reset their password with Azure Active Directory self-service password reset.	Feb 21, 2024	31 min
Secure your Azure resources with Azure role-based access control (Azure RBAC)	Learn how to use Azure role-based access control to effectively manage your team's access to Azure resources.	Feb 21, 2024	37 min
Create Azure users and groups in Azure Active Directory	Learn how to create Azure users and groups in Azure Active Directory.	Feb 21, 2024	41 min
Configure role-based access control	You will learn how to use role-based access control to ensure resources are protected, but users can still access the resources they need.	Feb 21, 2024	46 min

Module title	Description	Completed on	Duration
Configure Azure policy	You will learn how to configure Azure Policy to implement compliance requirements.	Feb 21, 2024	40 min
Configure subscriptions	You will learn how to configure subscriptions including obtaining a subscription, implementing cost management, and applying resource tags.	Feb 21, 2024	27 min
Configure user and group accounts	You will learn how to configure user and group accounts.	Feb 21, 2024	50 min
Configure Azure Active Directory	You will learn how to configure Azure Active Directory including features like AD Join and Self-Service Password Reset.	Feb 21, 2024	19 min
Describe support offerings for Microsoft 365 services	Describe support offerings for Microsoft 365 services	Feb 21, 2024	24 min
Identify licensing options available in Microsoft 365	Identify licensing options available in Microsoft 365	Feb 21, 2024	20 min
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.	Feb 21, 2024	27 min

Module title	Description	Completed on	Duration
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.	Feb 21, 2024	46 min
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.	Feb 21, 2024	29 min
Prepare to maintain SQL databases on Azure	Prepare to maintain SQL databases on Azure	Feb 21, 2024	31 min
Define a Microsoft AI strategy to create business value in finance	Discover AI use cases and scenarios for FSI. Get familiar with Microsoft AI tools and services for finance. Learn from real success stories.	Feb 20, 2024	21 min
Define a Microsoft AI strategy to create business value in sustainability	Discover AI use cases and scenarios for sustainability. Get familiar with Microsoft AI tools and services for sustainability. Learn from real success stories.	Feb 20, 2024	33 min
Scale AI in your organization	Learn enterprise AI management with our free open online course, including scaling AI.	Feb 20, 2024	36 min
Embrace responsible AI principles and practices	Explore six principles to guide AI development and use - fairness, reliability and safety, privacy and security, inclusiveness, transparency, and accountability	Feb 20, 2024	53 min

Module title	Description	Completed on	Duration
Create business value from AI	Understand the key elements that make a culture AI-ready and a framework to drive the change needed in your organization for a successful AI strategy.	Feb 20, 2024	27 min
Use Apache Spark in Azure Databricks	Use Apache Spark in Azure Databricks	Feb 20, 2024	1 hr 14 min
Introduction to Microsoft Purview	Introduction to Microsoft Purview	Feb 20, 2024	31 min
Integrate Microsoft Purview and Azure Synapse Analytics	Learn how to integrate Microsoft Purview with Azure Synapse Analytics to improve data discoverability and lineage tracking.	Feb 20, 2024	1 hr 7 min
Manage Power BI artifacts by using Microsoft Purview	Improve data governance and asset discovery using Power BI and Microsoft Purview integration.	Feb 20, 2024	20 min
Catalog data artifacts by using Microsoft Purview	Register, scan, catalog, and view data assets and their relevant details in Microsoft Purview.	Feb 20, 2024	28 min
Discover trusted data using Azure Purview	purview, enterprise data analyst	Feb 20, 2024	29 min
Work with data streams by using Azure Stream Analytics	Explore how Azure Stream Analytics integrates with your applications or Internet of Things devices to gain insights with real-time streaming data.	Feb 20, 2024	40 min

Module title	Description	Completed on	Duration
Visualize real-time data with Azure Stream Analytics and Power BI	By combining the stream processing capabilities of Azure Stream Analytics and the data visualization capabilities of Microsoft Power BI, you can create real-time data dashboards.	Feb 20, 2024	1 hr 8 min
Ingest streaming data using Azure Stream Analytics and Azure Synapse Analytics	Azure Stream Analytics provides a real-time data processing engine that you can use to ingest streaming event data into Azure Synapse Analytics for further analysis and reporting.	Feb 20, 2024	1 hr 14 min
Implement Azure Synapse Link for SQL	Implement Azure Synapse Link for SQL	Feb 20, 2024	55 min
Design hybrid transactional and analytical processing using Azure Synapse Analytics	Design hybrid transactional and analytical processing using Azure Synapse Analytics	Feb 20, 2024	19 min
Configure Azure Synapse Link with Azure Cosmos DB	Configure Azure Synapse Link with Azure Cosmos DB	Feb 20, 2024	1 hr 7 min
Build a data pipeline in Azure Synapse Analytics	Build a data pipeline in Azure Synapse Analytics	Feb 20, 2024	1 hr 11 min
Use Spark Notebooks in an Azure Synapse Pipeline	This module describes how Apache Spark notebooks can be integrated into an Azure Synapse Analytics pipeline.	Feb 20, 2024	48 min

Module title	Description	Completed on	Duration
Design a multidimensional schema to optimize analytical workloads	Design a multidimensional schema to optimize analytical workloads	Feb 20, 2024	1 hr 29 min
Secure a data warehouse in Azure Synapse Analytics	Secure a data warehouse in Azure Synapse Analytics	Feb 20, 2024	55 min
Manage and monitor data warehouse activities in Azure Synapse Analytics	Manage and monitor data warehouse activities in Azure Synapse Analytics	Feb 20, 2024	47 min
Load data into a relational data warehouse	Learn how to load tables in a relational data warehouse that is hosted in a dedicated SQL pool in Azure Synapse Analytics.	Feb 20, 2024	1 hr 9 min
Understand big data engineering with Apache Spark in Azure Synapse Analytics	Understand big data engineering with Apache Spark in Azure Synapse Analytics	Feb 20, 2024	1 hr 6 min
Use Delta Lake in Azure Synapse Analytics	Delta Lake is an open source relational storage area for Spark that you can use to implement a data lakehouse architecture in Azure Synapse Analytics.	Feb 20, 2024	1 hr 14 min
Transform data with Spark in Azure Synapse Analytics	Learn how to use Apache Spark pools in Azure Synapse Analytics to transform data.	Feb 20, 2024	50 min

Module title	Description	Completed on	Duration
Secure data and manage users in Azure Synapse serverless SQL pools	Secure data and manage users in Azure Synapse serverless SQL pools	Feb 20, 2024	18 min
Create metadata objects in Azure Synapse serverless SQL pools	Create metadata objects in Azure Synapse serverless SQL pools	Feb 20, 2024	1 hr 4 min
Use Azure Synapse serverless SQL pools for transforming the data in the lake	Use Azure Synapse serverless SQL pools for transforming the data in the lake	Feb 20, 2024	47 min
Query data in the lake using Azure Synapse serverless SQL pools	Query data in the lake using Azure Synapse serverless SQL pools	Feb 20, 2024	1 hr 8 min
Leverage AI tools and resources for your business	Learn the primary concepts and technologies of AI, and how Microsoft is turning the latest AI into tools, products, and services that organizations can use.	Feb 19, 2024	55 min
Create serverless logic with Azure Functions	Azure Functions allow you to host business logic that can be executed without managing or provisioning server infrastructure	Feb 19, 2024	36 min
Choose the best Azure service to automate your business processes	In this module, we'll discuss how to choose the appropriate Azure service to integrate and automate business processes.	Feb 19, 2024	44 min

Module title	Description	Completed on	Duration
Build a scalable application with virtual machine scale sets	Enable your application to automatically adjust to changes in load while minimizing costs with virtual machine scale sets.	Feb 19, 2024	57 min
Deploy Azure virtual machines from VHD templates	Standardize and automate your virtual machine deployments to minimize manual configuration, variance, and error.	Feb 19, 2024	42 min
Deploy Azure infrastructure by using JSON ARM templates	Write JSON Azure Resource Manager templates by using Visual Studio Code to deploy your infrastructure to Azure consistently and reliably.	Feb 19, 2024	43 min
Control Azure services with the CLI	Learn the steps to install the Azure CLI locally, create a website, and manage Azure resources using the CLI.	Feb 19, 2024	34 min
Automate Azure tasks using scripts with PowerShell	Learn how to install Azure PowerShell on Linux, macOS, or Windows and then connect to Azure and manage your resources.	Feb 19, 2024	1 hr 11 min
Configure resources with Azure Resource Manager templates	Configure resources with Azure Resource Manager templates	Feb 19, 2024	41 min
Use Azure Resource Manager	You will learn to use resource groups to organization your organization's Azure resources.	Feb 19, 2024	30 min
Configure Azure resources with tools	You will learn how to select a tooling option such as Azure portal, Azure PowerShell, Azure CLI, or Azure Cloud Shell.	Feb 19, 2024	46 min

Module title	Description	Completed on	Duration
Get started with Real-Time Analytics in Microsoft Fabric	Get started with Real-Time Analytics in Microsoft Fabric	Feb 15, 2024	53 min
Get started with data warehouses in Microsoft Fabric	Understand the key components and design considerations for implementation of data warehouses in Microsoft Fabric.	Feb 15, 2024	1 hr 6 min
Use Data Factory pipelines in Microsoft Fabric	Use Data Factory pipelines in Microsoft Fabric	Feb 15, 2024	1 hr 22 min
Ingest data with Spark and Microsoft Fabric notebooks	Discover how to use Apache Spark and Python for data ingestion into a Microsoft Fabric lakehouse. Fabric notebooks provide a scalable and systematic solution.	Feb 15, 2024	48 min
Ingest Data with Dataflows Gen2 in Microsoft Fabric	Data ingestion is crucial in analytics. Microsoft Fabric's Data Factory offers Dataflows (Gen2) for visually creating multi-step data ingestion and transformation using Power Query Online.	Feb 15, 2024	48 min
Write your first C# code	Get started by writing tiny code examples to learn the basics of the C# syntax!	Feb 7, 2024	27 min
Image classification with custom Azure AI Vision models	Classify images with custom Azure AI Vision models	Feb 7, 2024	40 min
Create a Bot with the Bot Framework Composer	Create a Bot with the Bot Framework Composer	Jan 29, 2024	1 hr 12 min

Module title	Description	Completed on	Duration
Create a bot with the Bot Framework SDK	Learn how to build a bot by using the Microsoft Bot Framework SDK.	Jan 29, 2024	57 min
How to pitch your company	Learn how to pitch your startup to investors. Understand what makes a pitch effective. See tips for delivering a compelling pitch.	Jan 29, 2024	32 min
Build your team	Find out how to build your startup team and find cofounders. Learn how to benefit from diversity in teams, mentors, and risk management measures.	Jan 29, 2024	34 min
Validate your startup idea with customers	Explore various ways to validate your startup idea with customers. Learn about tools and strategies for testing your startup assumptions.	Jan 29, 2024	48 min
challenge-project-build-a-speech-translator-app	Build Speech Translation App using Power Apps and integrate AI into it	Jan 29, 2024	2 hr 46 min
Challenge project - Add image analysis and generation capabilities to your application	Add image analysis and generation capabilities to your application	Jan 29, 2024	1 hr 20 min
Challenge project - Build a minigame console app with GitHub Copilot	Demonstrate your ability to analyze, create, and use different methods to develop a console minigame in Python with GitHub Codespaces and GitHub Copilot.	Jan 29, 2024	35 min

Module title	Description	Completed on	Duration
Add calculated tables and columns to Power BI Desktop models	<p>By the end of this module, you'll be able to add calculated tables and calculated columns to your data model. You'll also be able to describe row context, which is used to evaluate calculated column formulas. Because it's possible to add columns to a table using Power Query, you'll also learn when it's best to create calculated columns instead of Power Query computed columns.</p>	Jan 29, 2024	19 min
Add measures to Power BI Desktop models	<p>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.</p>	Jan 29, 2024	58 min

Module title	Description	Completed on	Duration
Design a data model in Power BI	<p>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.</p>	Jan 29, 2024	1 hr 23 min
Clean, transform, and load data in Power BI	<p>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.</p>	Jan 29, 2024	2 hr 1 min
Get data in Power BI	<p>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.</p>	Jan 29, 2024	1 hr 46 min

Module title	Description	Completed on	Duration
Make recommendations with Azure AI Personalizer	In this module, you'll learn how to use Azure AI Personalizer to make recommendations.	Jan 29, 2024	1 hr 8 min
Classify and moderate text with Azure Content Moderator	In this module, we'll introduce you to Azure Content Moderator and show how to use it for text moderation	Jan 29, 2024	31 min
Build a Form Recognizer custom skill for Azure Cognitive Search	Learn how to use an Azure Form Recognizer solution as a custom skill to enrich content in an Azure Cognitive Search pipeline.	Jan 29, 2024	33 min
Create a composed Form Recognizer model	Learn how to assemble custom models into composed solutions that can analyze different types of your own documents.	Jan 29, 2024	18 min
Extract data from forms with Form Recognizer	Form Recognizer extracts data at scale to enable the submission of documents in real time, at scale, with accuracy. This module gives users the tools to use the Azure Form Recognizer vision API.	Jan 29, 2024	49 min
Use prebuilt Form Recognizer models	Learn what data you can analyze by choosing prebuilt Forms Analyzer models and how to deploy these models in a Form Analyzer solution.	Jan 29, 2024	21 min
Plan a Form Recognizer solution	Learn how to use Azure Forms Analyzer to build solutions that analyze forms and output data for storage or further processing.	Jan 29, 2024	35 min

Module title	Description	Completed on	Duration
Recognize and synthesize speech	Recognize and synthesize speech	Jan 29, 2024	30 min
Create a language model with Conversational Language Understanding	Create a language model with Conversational Language Understanding	Jan 29, 2024	42 min
Build a bot with the Language Service and Azure Bot Service	Build a bot with the Language Service and Azure Bot Service	Jan 29, 2024	29 min
Analyze text with the Language service	Analyze text with the Language service	Jan 29, 2024	41 min
Translate speech with the speech service	Translate speech with the speech service	Jan 29, 2024	47 min
Create speech-enabled apps with Azure AI services	Create speech-enabled apps with Azure AI services.	Jan 29, 2024	53 min
Translate text with the Translator service	Translate text with the Translator service	Jan 29, 2024	48 min
Create a custom named entity extraction solution	Create a custom named entity extraction solution	Jan 29, 2024	58 min
Build a question answering solution	Create question answering solutions with Azure AI Language	Jan 29, 2024	46 min

Module title	Description	Completed on	Duration
Analyze text with Azure AI Language	Analyze text with Azure AI Language	Jan 29, 2024	54 min
Analyze video	Analyze video	Jan 29, 2024	48 min
Read Text in Images and Documents with the Computer Vision Service	Azure's Computer Vision service uses advanced algorithms to process images and return information based on the visual features you're interested in. This module teaches you how to use the Azure Computer Vision's OCR API and Read API.	Jan 29, 2024	33 min
Detect, analyze, and recognize faces	Detect, analyze, and recognize faces	Jan 29, 2024	1 hr 8 min
Detect objects in images	Detect objects in images	Jan 29, 2024	55 min
Classify images	Classify images	Jan 29, 2024	48 min
Analyze images	Analyze images	Jan 29, 2024	48 min
Read text with the Computer Vision service	Read text with the Computer Vision service	Jan 29, 2024	24 min
Detect and analyze faces with the Face service	Detect and analyze faces with the Face service	Jan 29, 2024	27 min
Analyze images with the Computer Vision service	Analyze images with the Computer Vision service	Jan 29, 2024	46 min

Module title	Description	Completed on	Duration
Custom name entity recognition	Custom name entity recognition	Jan 29, 2024	53 min
Create custom text classification solutions	The Language service within Azure Cognitive Services enables processing of natural language to use in your own app. Learn how to build a custom text classification project.	Jan 29, 2024	58 min
Build a question answering solution	Build a question answering solution	Jan 29, 2024	53 min
Extract insights from text with the Language service	Extract insights from text with the Language service	Jan 29, 2024	57 min
Build a Language Understanding model	The Language Understanding service enables you to train a language model that apps can use to extract meaning from natural language.	Jan 29, 2024	1 hr 5 min
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.	Jan 29, 2024	38 min
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.	Jan 29, 2024	1 hr 21 min
Examine components of a modern data warehouse	Examine components of a modern data warehouse	Jan 29, 2024	1 hr 32 min

Module title	Description	Completed on	Duration
Explore roles and responsibilities in the world of data	Explore roles and responsibilities in the world of data	Jan 29, 2024	15 min
Explore core data concepts	Explore core data concepts	Jan 29, 2024	30 min
Manage non-relational data stores in Azure	Manage non-relational data stores in Azure	Jan 29, 2024	31 min
Explore provisioning and deploying non-relational data services in Azure	Explore provisioning and deploying non-relational data services in Azure	Jan 29, 2024	38 min
Explore provisioning and deploying relational database services in Azure	Explore provisioning and deploying relational database services in Azure	Jan 29, 2024	36 min
Explore relational data services in Azure	Explore relational data services in Azure	Jan 29, 2024	37 min
Hybrid learning: A new model for the future of learning	This module introduces educators to the hybrid learning model. Educators will learn about the five elements of hybrid learning, how to implement them, and how to use Microsoft Teams to create a dynamic learning environment for their students.	Jan 29, 2024	1 hr

Module title	Description	Completed on	Duration
Engage and amplify with Flipgrid	Integrate Flipgrid into your classroom to empower student voice. Educators of all subject areas, early grades through higher education, explore Flipgrid ideas and resources from educators around the world.	Jan 29, 2024	56 min
OneNote Staff Notebook: Tools for staff collaboration	Collaborate with colleagues or staff using OneNote. OneNote Staff Notebooks have a personal workspace for every staff member or teacher, a content library for shared information, and a collaboration space for everyone to work together.	Jan 29, 2024	50 min
Digital storytelling with Microsoft Sway	By allowing teachers and students to focus on content and not worry about format, the Digital storytelling with Microsoft Sway module shows how Sway can be used to capture and share digital stories that need to be told in and around classroom activities.	Jan 29, 2024	1 hr
Create authentic assessments with Microsoft Forms	Use Microsoft Forms for surveys, quizzes, and polls in classes to increase student engagement and voice. Office 365 helps streamline and save time managing learning assessments with Forms in Teams and OneNote. Excel can extend analytics on Forms data.	Jan 29, 2024	55 min
Explore Azure Synapse Studio	Explore Azure Synapse Studio	Jan 29, 2024	43 min
Survey the Components of Azure Synapse Analytics	Survey the Components of Azure Synapse Analytics	Jan 29, 2024	1 hr 5 min

Module title	Description	Completed on	Duration
Introduction to Azure Synapse Analytics	Introduction to Azure Synapse Analytics	Jan 29, 2024	1 hr 22 min
Introduction to Azure Data Lake storage	Discover how Data Lake Storage provides a repository where you can upload and store unstructured data bringing new efficiencies to processing big data analytics.	Jan 29, 2024	30 min
Introduction to data engineering on Azure	This module describes how Microsoft Azure provides a comprehensive platform for data engineering.	Jan 29, 2024	26 min
Collaborate with colleagues through live Teams meetings and OneNote	Education colleagues collaborate using Microsoft Teams PLC Teams and Staff Teams. PLC Teams are for Personal Learning Communities to engage in professional and personal growth. Staff Teams are designed for school faculties, departments, and district offices.	Jan 29, 2024	56 min
Work collaboratively with Staff and PLC Teams	Staff Teams and PLC Teams in Microsoft Teams facilitate collaboration between professional colleagues and incorporate file sharing and organization.	Jan 29, 2024	55 min
Assemble learners and staff with Microsoft Teams meetings	Discover new ways to create and share Microsoft Teams meetings that facilitate sharing different types of content from various sources. Explore the granular controls educators need while meeting students.	Jan 29, 2024	53 min

Module title	Description	Completed on	Duration
MIE Trainer: Trainer Academy	The Microsoft Innovative Educator (MIE) Trainer Academy is designed for teacher trainers and people responsible for training educators on the integration of technology in the classroom. This course gives an overview of the MIE Trainer program, program details, and the steps for becoming an MIE Trainer or MIE Master trainer.	Jan 29, 2024	1 hr 28 min
Introduction to Azure Cognitive Search	Explore Azure Cognitive Search to discover how to create an index, import data, and query the index for better search results.	Jan 29, 2024	1 hr 5 min
Analyze receipts with the Form Recognizer service	Analyze receipts with the Form Recognizer service	Jan 29, 2024	26 min
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.	Jan 29, 2024	36 min
Describe application-based threats and how to protect against them	Describe application-based threats and security controls	Jan 27, 2024	20 min
Describe device-based threats and security controls	Describe device-based threats and security controls	Jan 27, 2024	17 min

Module title	Description	Completed on	Duration
Describe network-based threats and mitigations	Describe basic networking concepts and how they relate to cybersecurity	Jan 27, 2024	28 min
Describe authentication and authorization in cybersecurity	Describe authentication and authorization in cybersecurity	Jan 27, 2024	18 min
Describe concepts of cryptography	Describe concepts of cryptography	Jan 27, 2024	24 min
Describe basic cybersecurity threats, attacks, and mitigations	Describe basic cybersecurity threats, attacks, and mitigations	Jan 27, 2024	21 min
Introduction to Office client customization with add-ins	Learn how to customize and extend Office applications including Word, Excel, and Outlook with Office Add-ins	Jan 27, 2024	51 min
Describe monitoring tools in Azure	Describe monitoring tools in Azure	Jan 27, 2024	13 min
Describe features and tools for managing and deploying Azure resources	Describe features and tools for managing and deploying Azure resources	Jan 27, 2024	22 min
Describe Azure identity, access, and security	&lt;module title&gt;	Jan 27, 2024	43 min

Module title	Description	Completed on	Duration
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.).	Jan 27, 2024	1 hr 8 min
Describe features and tools in Azure for governance and compliance	Describe features and tools in Azure for governance and compliance	Jan 27, 2024	34 min
Describe cost management in Azure	Describe cost management in Azure	Jan 27, 2024	43 min
Get started with OneNote	Make learning more powerful and dynamic with Microsoft OneNote digital notebooks. Use OneNote to compile and organize information, research, and content; support research, collaboration, note taking, journaling, and reflection.	Jan 23, 2024	50 min
Flipped instruction with PowerPoint Recorder	This module teaches how to use PowerPoint Recorder to flip instruction, provide content for students outside of class, and help improve student outcomes.	Jan 23, 2024	42 min
Structure Teams through channels, tabs, files, and apps	Besides the people, what makes up a team in Microsoft Teams? We examine the structure and components of a team that make Teams such an efficient place for Class, Staff and PLC Teams.	Jan 23, 2024	1 hr

Module title	Description	Completed on	Duration
Empower every student with an inclusive classroom	This module is designed for educators of all subject areas who want to empower students to utilize tools to unlock their full potential by addressing a diversity of needs.	Jan 23, 2024	58 min
Accessibility: Build the foundation for inclusive learning	This module explores accessibility through several foundational concepts. Learn to create an inclusive learning environment through consideration of each accessibility principle.	Jan 23, 2024	57 min
Teach forward: Best strategies for hybrid, remote, and blended learning	Did your school see radical shifts in technology implementation during the pandemic? Are you wondering how to take the best of the tools and techniques from pandemic learning and create sustainable practices that increase student engagement and instructional personalization? Blended learning is not a new concept, but it is an instructional innovation that we are now uniquely positioned to adopt in our classrooms across the board in ways we may have previously found impractical. The influx of new technologies and incredible capacity for innovation that has been honed is ripe for transition into a classroom with the intentional flexibility of blended learning. Blended learning combines the best of whole-group instruction, independent learning, small group work, and assessment aided by authentic technology integration. This course walks you through the arc of blended learning models and offers specific technology tool examples to inspire your own plans.	Jan 23, 2024	57 min

Module title	Description	Completed on	Duration
Describe the compliance management capabilities in Microsoft	Describe the compliance management capabilities in Microsoft	Jan 23, 2024	16 min
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.	Jan 23, 2024	48 min
Implement Microsoft 365 Copilot	This module examines the key tasks that administrators must complete as they prepare to implement Microsoft 365 Copilot, such as completing prerequisites, preparing data for searches, and assigning Copilot licenses.	Jan 23, 2024	32 min
Describe Azure storage services	Azure storage services, tiers, redundancy options, and migration options and tools.	Jan 23, 2024	46 min
Describe the compliance management capabilities in Microsoft 365	Describe the compliance management capabilities in Microsoft 365	Jan 23, 2024	17 min
Understand Microsoft 365 encryption	Learn how Microsoft 365 encrypts data-at-rest and in-transit, securely manages encryption keys, and provides key management options to customers to meet their business needs and compliance obligations.	Jan 23, 2024	20 min

Module title	Description	Completed on	Duration
Introduction to customizing and extending SharePoint	SharePoint is an extensible platform you can customize and extend with the SharePoint Framework and multiple APIs available to developers. In this module, developers learn what customizations and extensibility points are available to them with the SharePoint Framework, and determine if it's right for you.	Jan 23, 2024	1 hr 3 min
Introduction to building apps for Microsoft Teams	An introduction to creating custom apps for Microsoft Teams built on the Microsoft Teams Platform.	Jan 23, 2024	39 min
Understand Actionable Messages in Outlook fundamentals	Learn the fundamentals of Actionable Messages in Outlook.	Jan 23, 2024	16 min
Deploy a Microsoft Teams app to Azure using Teams Toolkit for Visual Studio Code	Learn about the infrastructure requirements and how to set up things for hosting and publishing your app in Teams by using the Teams Toolkit.	Jan 23, 2024	27 min
Get started building apps for Microsoft Teams using Teams Toolkit for Visual Studio Code	Learn how to use the Teams Toolkit for Visual Studio Code to build Teams apps.	Jan 23, 2024	15 min

Module title	Description	Completed on	Duration
Add chat capability to Microsoft Teams app using Teams JavaScript library	The TeamsJS library will help you integrate native Microsoft Teams features right into your application. In this module, you'll learn how to integrate the Microsoft Teams chat capability in your app using the TeamsJS library.	Jan 23, 2024	18 min
Build a Microsoft Teams tab app using Teams Toolkit for Visual Studio Code	In this module, you'll learn how to build a Microsoft Teams tab by using Teams Toolkit for Visual Studio Code.	Jan 23, 2024	19 min
Build a bot using Teams Toolkit for Visual Studio Code	A bot, commonly referred to as a chat bot, uses a conversational interface which end users can interact with by sending and receiving messages containing text or interactive cards. Bots are highly flexible and can be used in many ways, from sending messages proactively, to carrying out actions when instructed to, and performing multi-step workflows. Bots can also be used in many Microsoft Teams contexts, as a personal bot, in a one-to-one or group chat, in Teams channel conversations, or Teams meeting chat.	Jan 23, 2024	11 min
Describe threat protection with Microsoft 365 Defender	Describe threat protection with Microsoft 365 Defender	Jan 23, 2024	41 min

Module title	Description	Completed on	Duration
Optimize and Extend Microsoft 365 Copilot	In this module, you'll explore comprehensive best practices for Microsoft 365 Copilot, as well as key extension methods, ensuring you harness the full potential and versatility of Copilot's functionality.	Jan 23, 2024	47 min
Explore the possibilities with Microsoft 365 Copilot	In this module, we break down the transformative features brought to each Microsoft 365 application by Microsoft 365 Copilot.	Jan 23, 2024	41 min
Introduction to Microsoft 365 Copilot	This module explores the intricacies of Microsoft 365 Copilot, offering insights into its functionality and Microsoft's dedication to implementing AI responsibly and ethically.	Jan 23, 2024	29 min
Describe basic security capabilities in Azure	Describe basic security capabilities in Azure	Jan 23, 2024	29 min
Describe the identity protection and governance capabilities of Azure AD	Describe the identity protection and governance capabilities of Azure AD	Jan 22, 2024	36 min
Describe the access management capabilities of Azure AD	Describe the access management capabilities of Azure AD	Jan 22, 2024	17 min
Describe the authentication capabilities of Azure AD	Describe the authentication capabilities of Azure AD	Jan 22, 2024	27 min

Module title	Description	Completed on	Duration
Describe the services and identity types of Azure AD	Describe the services and identity types of Azure AD	Jan 22, 2024	30 min
Describe identity concepts	Describe identity concepts	Jan 22, 2024	20 min
Describe security and compliance concepts and methodologies	Describe security and compliance concepts and methodologies	Jan 22, 2024	25 min
Introduction to GitHub in Visual Studio Code	Learn to use the GitHub integration in Visual Studio Code, including authentication, publishing repos, and viewing your repo timeline.	Jan 22, 2024	22 min
Build your first HTML webpage	Build your first HTML webpage	Jan 22, 2024	31 min
Using GitHub Copilot with JavaScript	Use GitHub Copilot with Visual Studio Code to make changes and updates to a JavaScript application.	Jan 22, 2024	22 min
Interactively debug .NET apps with the Visual Studio Code debugger	Learn how to efficiently debug your .NET app by using Visual Studio Code to fix your bugs quickly. Use the interactive debugger within Visual Studio Code to analyze and fix your C# applications.	Jan 22, 2024	43 min

Module title	Description	Completed on	Duration
Guided project - Debug and handle exceptions in a C# console application using Visual Studio Code	This module guides you through the code verification process for a C# console application. Hands-on activities provide experience identifying logic issues, debugging the application, and implementing exception handling. Step-by-step instructions are provided.	Jan 22, 2024	50 min
Challenge project - Debug a C# console application using Visual Studio Code	This module helps you evaluate your debugging skills. You start with a C# console application that contains code logic issues and a specification that describes the requirements. You're challenged to demonstrate your ability to identify and fix the issues using the Visual Studio Code debugger tools.	Jan 22, 2024	37 min
Set up your Python beginner development environment with Visual Studio Code	Get started with learning Python by installing and configuring the tools you'll need to build real applications.	Jan 22, 2024	28 min
Build a simple website using HTML, CSS, and JavaScript	Get started with web development using Visual Studio Code to build a website using HTML, CSS, and JavaScript, and using developer tools in the browser to check your work.	Jan 22, 2024	44 min
Install and configure Visual Studio Code	Learn how to configure Visual Studio Code for C# and how to use this professional IDE to create and run console applications.	Jan 22, 2024	35 min

Module title	Description	Completed on	Duration
Design consistent .NET MAUI XAML pages by using shared resources	Learn how to use static and dynamic shared resources to build a MAUI user interface. And see how styles can make the user interface both consistent and accessible.	Jan 22, 2024	46 min
Customize layout in .NET MAUI XAML pages	Create consistent user interfaces across different devices by using StackLayout and Grid.	Jan 22, 2024	1 hr
Create a UI in a .NET MAUI app by using XAML	Learn how to design a UI for a .NET MAUI app using XAML	Jan 22, 2024	54 min
Create a cross-platform app with .NET MAUI	Learn how to use Visual Studio with .NET MAUI to create a cross-platform app	Jan 22, 2024	33 min
Develop, test, and deploy an Azure Function with Visual Studio	Use Visual Studio together with a test framework to create, deploy, and test an Azure Function.	Jan 22, 2024	43 min
Publish a web app to Azure with Visual Studio	Learn how to use Azure App Service to create a new ASP.NET-based web app, then publish and update directly from Visual Studio.	Jan 22, 2024	48 min
Describe analytics capabilities in Microsoft 365	Learn about the pricing model for Microsoft cloud services and how Microsoft 365 is available through a variety of licensing and billing options to meet the needs of people and organizations. Prepare for MS-900.	Jan 22, 2024	22 min

Module title	Description	Completed on	Duration
Describe endpoint modernization, management concepts, and deployment options in Microsoft 365	Learn about how the business management solutions through Microsoft 365 provide people with a secure, personalized desktop experience and help organizations easily manage updates for all devices with a simplified admin experience. Prepare for MS-900.	Jan 22, 2024	29 min
Describe collaboration solutions in Microsoft 365	Learn about how the collaboration solutions through Microsoft 365 unlock new ways of working together by helping people and teams stay connected, engaged, and ensure fluid communication across organizations. Prepare for MS-900.	Jan 22, 2024	33 min
Describe productivity solutions in Microsoft 365	Learn about how the productivity solutions through Microsoft 365 help optimize operations, engage customers, and empower people to perform tasks in real-time from virtually anywhere. Prepare for MS-900.	Jan 22, 2024	25 min
What is Microsoft 365?	What is Microsoft 365?	Jan 22, 2024	32 min
Define input and output parameters in Power Automate	This module defines input and output parameters for desktop flows, which will allow your flows to be more comprehensive and useful.	Jan 22, 2024	16 min
Build your first Power Automate Desktop flow	Learn how to build a Power Automate Desktop flow.	Jan 22, 2024	14 min

Module title	Description	Completed on	Duration
Optimize your business process with process advisor	Learn how to optimize your business process with the process advisor capability in Microsoft Power Automate.	Jan 22, 2024	26 min
Use AI Builder in Power Automate	Learn the basics of AI Builder usage in Microsoft Power Automate and how it can benefit your organization.	Jan 22, 2024	1 hr 10 min
Use the Admin center to manage environments and data policies in Power Automate	Tenant and environment admins use the Power Automate Admin center to manage data policies and environments for Power Automate deployments.	Jan 22, 2024	36 min
Build flows across multiple data sources	Learn to build flows across multiple data sources.	Jan 22, 2024	49 min
Build flows to manage user information	Learn to build flow to manage user information.	Jan 22, 2024	22 min
Build approval flows with Power Automate	Learn how to build approval flows with Power Automate.	Jan 22, 2024	43 min
Get started with Power Automate	Learn how to create simple flows to make your life easier.	Jan 22, 2024	51 min
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.	Jan 22, 2024	1 hr 15 min

Module title	Description	Completed on	Duration
Get started building with Power BI	<p>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.</p>	Jan 22, 2024	40 min
Use your own data with Azure OpenAI Service	<p>Learn how to use your own data with the Azure OpenAI Service.</p>	Jan 22, 2024	33 min
Generate images with Azure OpenAI Service	<p>Use DALL-E in Azure OpenAI service to generate images</p>	Jan 22, 2024	38 min
Generate code with Azure OpenAI Service	<p>Learn how to use the Azure OpenAI Service to generate and improve code.</p>	Jan 21, 2024	50 min
Apply prompt engineering with Azure OpenAI Service	<p>In this module, learn how prompt engineering can help to create and fine-tune prompts for natural language processing models. Prompt engineering involves designing and testing various prompts to optimize the performance of the model in generating accurate and relevant responses.</p>	Jan 21, 2024	1 hr 3 min

Module title	Description	Completed on	Duration
Build natural language solutions with Azure OpenAI	Learn how to integrate language understanding and prompt completions from Azure OpenAI into your app.	Jan 21, 2024	57 min
Get started with Azure OpenAI Service	Azure OpenAI Service enables engineers to build enterprise-grade generative AI solutions.	Jan 21, 2024	43 min
Fundamentals of Azure AI services	This module is an introduction to how Azure AI services can be used to build applications.	Jan 21, 2024	36 min
Fundamentals of machine learning	Machine learning is the basis for most modern artificial intelligence solutions. A familiarity with the core concepts on which machine learning is based is an important foundation for understanding AI.	Jan 21, 2024	1 hr 54 min
Introduction to Azure OpenAI Service	With Azure OpenAI, you can build solutions against OpenAI artificial intelligence models within Azure.	Jan 21, 2024	1 hr 3 min
Fundamentals of generative AI	Learn what generative AI is, how large language models form the foundation of generative AI applications, and see examples of copilots and good prompts.	Jan 21, 2024	40 min
Get started with AI on Azure	Get started with AI on Azure	Jan 21, 2024	36 min
Describe the core features of Microsoft Security Copilot	Describe the core features of Microsoft Security Copilot.	Jan 21, 2024	31 min

Module title	Description	Completed on	Duration
Get started with Microsoft Security Copilot	Get started with Microsoft Security Copilot	Jan 21, 2024	24 min
Responsible Generative AI	A practical approach to implementing generative AI responsibly.	Jan 21, 2024	50 min
Describe cloud computing	Introduction to concepts surrounding cloud computing. Mostly platform agnostic, focused instead on general concepts.	Jan 21, 2024	23 min
Describe cloud service types	Introduction to cloud service types (Infrastructure, Platform, and Software as a Service models) and associated use cases for each.	Jan 21, 2024	12 min
Describe the benefits of using cloud services	Introduction to concepts surrounding cloud computing. Mostly platform agnostic, focused instead on general concepts.	Jan 21, 2024	17 min