

# Microsoft Data & Artificial Intelligence (AI)

Qualified data professionals and cloud experts have promising job prospects in today's world of digital transformation – and they're in demand for a good reason. These pros help migrate data to the cloud, use AI and analytics to provide actionable insights, and manage significant volumes of data, including reporting and visualization.

Equip your team with the skills and knowledge needed to advance their careers and effectively manage your company's data and AI solutions.

## MICROSOFT DATA & AI COURSES

Start your journey today by exploring our Microsoft Data and AI courses. Data is the lifeblood of AI, and anything that compromises the quality of data will have a detrimental effect on the technology's outcomes. Therefore, it is crucial that organizations prepare their teams to meet the demands of the ever-evolving Data and AI market in the coming years.

### EXPLORE FEATURED MICROSOFT DATA & AI COURSES:

<b>Power BI Data Analyst (PL-300)</b>	Discover the various methods and best practices aligned with business and technical requirements for modeling, visualizing, and analyzing data with Power BI.
<b>Azure Data Fundamentals (DP-900)</b>	Gain foundational knowledge of core data concepts and related Microsoft Azure data services.
<b>Power Platform Fundamentals (PL-900)</b>	Unleash the business value and product capabilities of Microsoft Power Platform.
<b>Power Platform Developer (PL-400)</b>	Learn how Microsoft Power Platform helps organizations optimize operations by simplifying, automating, and transforming tasks and processes.
<b>Administering Microsoft Azure SQL Solutions (DP-300)</b>	Develop the knowledge and skills to administer a SQL Server database infrastructure.
<b>Develop Generative AI Solutions with Azure Open AI Service (AI-050)</b>	Utilize Azure OpenAI Service to access OpenAI's powerful large language models such as GPT; the model behind the popular ChatGPT service.

### EXPLORE OUR FREE ONE-DAY LIVE VIRTUAL MICROSOFT FUNDAMENTALS DAYS:

- Azure Data Fundamentals (code GKMSAZ900)
- Azure AI Fundamentals (code GKMSAI900)
- Power Platform Fundamentals (code GKMSPL900)

# MICROSOFT DATA & AI CERTIFICATIONS

Take Azure Certifications for Data and AI to the next level.

Earning a Microsoft Certification in Data and AI validates your expertise, demonstrating your readiness to excel amidst rapid technological advancements.

## BECOME MICROSOFT DATA & AI CERTIFIED BY PASSING ONE OF THESE CERTIFICATIONS:

### AZURE AI FUNDAMENTALS

Azure AI Fundamentals validates foundational knowledge of machine learning, artificial intelligence concepts, and related Microsoft Azure services.

### AZURE AI ENGINEER ASSOCIATE

Azure AI Engineers build, manage, and deploy AI solutions that use Azure Cognitive Services, Azure Cognitive Search, and Microsoft Bot Framework

### AZURE DATA FUNDAMENTALS

Azure Data Fundamentals validates foundational knowledge of core data concepts and their implementation using Microsoft Azure data services.

### AZURE DATA ENGINEER ASSOCIATE

Azure Data Engineers integrate, transform, and consolidate data from various structured and unstructured data systems into structures suitable for business analytics solutions.

### AZURE DATA SCIENTIST ASSOCIATE

Azure Data Scientists apply data science and machine learning to implement and run machine learning workloads on Azure.

### DATA ANALYST ASSOCIATE

Data Analysts help businesses maximize the value of their data assets using Microsoft Power BI.

### AZURE DATABASE ADMINISTRATOR ASSOCIATE

Azure Database Administrators implement and manage cloud and on-premises relational databases built on top of Microsoft SQL Server and Azure data services.

## MICROSOFT APPLIED SKILLS

Do you need an Applied Skill credential?

If you want to validate your expertise on a specific business problem or scenario that your organization faces, an Applied Skill credential might be the right choice. These real-world, non-certified credentials address critical business challenges, empowering you to have a larger impact on your projects, at your organization, and in your career.

Here are some key differentiators between Certifications and Applied Skills:

- **Breadth of Skills Validated:** Certifications typically validate 4-6 skill sets, while Applied Skills validate one specific skill set.
- **Focus:** Certifications are job-role-based, while Applied Skills are product-based.
- **Purpose:** Certifications validate skills needed for the technical aspects of job roles that leverage Microsoft solutions and technologies, while Applied Skills validate specific scenarios that may hinder an organization's digital transformation goals.

## SOME OF OUR POPULAR MICROSOFT DATA AND AI APPLIED SKILLS

- Copilot Foundations.
- Implementing a Lakehouse with Microsoft Fabric.
- Implement a Data Science and Machine Learning Solution for AI with Microsoft Fabric.
- Develop Generative AI Solutions with Azure OpenAI Service.
- Develop Dynamic Reports with Microsoft Power BI.
- Build An Azure AI Vision Solution With Azure AI Services.