**AI-900T00A Microsoft Certified: Azure AI Fundamentals**

* Demonstrate fundamental AI concepts related to the development of software and services of Microsoft Azure to create AI solutions.
* Module-1 Describe Artificial Intelligence workloads and considerations (15–20%)
	+ Fundamental AI concepts
		- What is Artificial Intelligence?
		- Common AI workloads
		- Principles of responsible AI
	+ Fundamentals of Azure AI services
		- Azure basics
		- AI services in Microsoft Azure
		- Explore Azure AI services
* Module-2 Describe fundamental principles of machine learning on Azure (20–25%)
	+ Fundamentals of machine learning
		- What is machine learning?
		- Types of machine learning
		- Model training and evaluation
		- Deep Learning
		- What is Azure Machine Learning?
		- Demo: Explore Automated Machine Learning in Azure Machine Learning Studio
* Module-3 Describe features of computer vision workloads on Azure (15–20%)
	+ Computer vision concepts
		- What is Azure AI Vision?
		- Applications of AI Vision
		- Azure AI services
	+ Computer vision capabilities in Azure
		- Image Analysis with the AI Vision service
		- Detecting faces with the Face service
		- Reading text with optical character recognition
* Module-4 Describe features of Natural Language Processing (NLP) workloads on Azure (15–20%)
	+ Natural Language Processing concepts
	+ Natural Language Processing capabilities in Azure
	+ Azure AI Document Intelligence
		- What is AI Document Intelligence?
		- Three types of AI Document Intelligence services
		- Analyzing specific forms with the AI Document Intelligence service
	+ Azure AI Search
		- What is knowledge mining?
		- Three step process to creating a knowledge store with Azure AI Search
* Module-5 Describe features of generative AI workloads on Azure (15–20%)
	+ Fundamentals of Generative AI
		- Understand generative AI's place in the development of artificial intelligence.
		- Understand large language models and their role in intelligent applications.
		- Describe how Azure OpenAI supports intelligent application creation.
		- Describe examples of copilots and good prompts.
	+ Fundamentals of Azure OpenAI Service
		- Describe Azure OpenAI workloads and access the Azure OpenAI Service
		- Understand generative AI models
		- Understand Azure OpenAI's language, code, and image capabilities
	+ Explore responsible Generative AI
		- Understand the four stages for a responsible generative AI solution