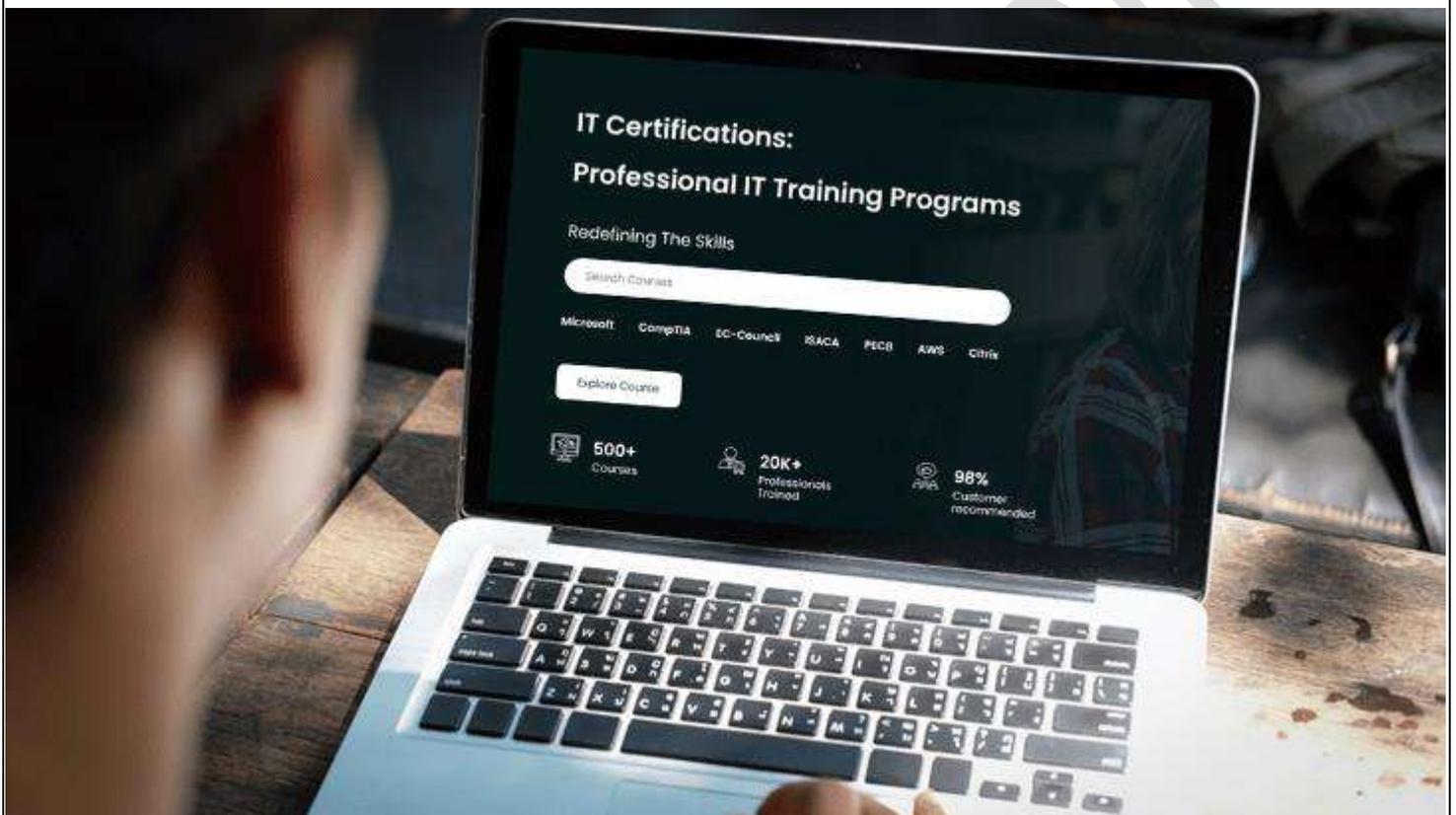# MS-4015: Build custom agents for Microsoft Teams Training

DURATION: 1 DAY

Course Description

MS - 4015 Building Custom Agents for Microsoft Teams course helps you to create custom agents for the MS Teams Environment. Primarily, this course covers core concepts like Azure Open AI integration, Copilot Stack, and the use of Teams Toolkit for ideal development. With completion of the course, learners will be able to design and deploy advanced solutions.

Who should attend this course?

- Software Developer
- Cloud Architect
- Teams Administrator

What you will learn

- Classify and utilize the Copilot stack to create custom agents.
- Deploy applications using Azure OpenAI resources.
- Implement Retrieval-Augmented Generation (RAG) with your data.
- Set up and use Teams Toolkit for Visual Studio Code.
- Build and configure intelligent custom agents for Microsoft Teams.

Prerequisites

- Familiarity with Teams Toolkit, Visual Studio Code, Microsoft Teams, and creating chat bots.

Curriculum

Module 1: Explore the Copilot stack

- Introduction
- Explore custom agents for Teams with the Teams AI Library
- Leverage the Copilot stack to accelerate your AI Build
- Understand the different Copilot extensibility options

Module 2: Utilize an Azure OpenAI model to create an app

- Introduction
- Access Azure OpenAI Service
- Understand Retrieval Augmented Generation (RAG) with Azure OpenAI Service
- Lab: Implement RAG with your own data and Azure OpenAI Models
- Bring your Azure OpenAI Model with your data to Teams
- Lab: Install and set up Teams Toolkit for Visual Studio Code

Module 3: Build your custom agent for Teams

- Introduction
- Lab: Create your custom engine agent Teams App
- Lab: Configure your custom engine agent