

# AZURE OPENAI BOOT CAMP FOR TECHNICAL USERS: UNLEASH THE POWER OF AI IN YOUR PROJECTS (TTAI2333)

Course Code: 834072

Explore Azure AI basics, how to integrate AI into applications, websites, and bots, analyze data for insights, and build intelligent systems.

Immerse yourself in the transformative world of AI with the Azure AI Boot Camp for Technical Users. This intensive, three-day program, designed for technical professionals new to Azure and AI, offers an exceptional opportunity to harness AI's capabilities. From interpreting images and text to decoding speech and developing decision support systems, you'll cultivate a dynamic skillset that translates into actionable improvements for your organization and increases the efficiency of your day-to-day tasks. This course isn't just about learning; it's about empowering you to drive change, innovate, and excel in your professional journey.

Guided by our expert Azure AI instructor, you'll gain modern hands-on skills using innovative tools to implement practical AI solutions at your workplace, resulting in smarter applications and improved operational efficiency. Throughout the course you'll explore key aspects of Azure AI, including Azure AI services, Azure Cognitive Services, Azure Machine Learning, Azure Bot Services, Azure Data Science and Analytics, and Azure AI for various applications such as Vision, Language, Speech and Voice, and Decision Support.

You'll get to experiment with the Azure AI toolbox, gaining hands-on experience creating and managing machine learning experiments, building intelligent chatbots, implementing big data analytics and more. You'll exit this course with a solid understanding of Azure AI, how to leverage it for real-world use and application, and the confidence to apply these skills on the job.

## What You'll Learn

This course combines engaging instructor-led presentations and useful demonstrations with valuable hands-on labs and engaging group activities. Throughout the course you'll learn how to:

- Understand the core concepts and tools of Azure AI services, and their

significance in a business environment. This foundational knowledge will help you appreciate how AI can streamline operations and offer innovative solutions.

- Develop the ability to work with Azure Cognitive Services for tasks such as text analytics, speech recognition, and image analysis. These practical skills can enhance applications with rich, natural user experiences.
- Learn how to create, deploy, and monitor machine learning workflows in Azure. This hands-on understanding will allow you to harness the power of AI for predictive modelling and data analysis.
- Acquire the skills to build intelligent chatbots using Azure Bot Services and integrate them with natural language understanding. This ability can improve your organization's customer engagement and services.
- Gain proficiency in using Azure tools for data analysis, visualization, predictive modelling, and real-time analytics. These skills will empower you to draw valuable insights from big data and implement real-time decision-making processes.
- Familiarize yourself with the usage of Azure AI in various applications such as vision, language, speech and voice, and decision support. This knowledge will enable you to create diverse AI-powered solutions tailored to specific industry needs.

## Who Needs to Attend

This Intermediate level course is geared for experienced technical users new to AI and Azure. Roles would include but not be limited to software engineers, developers, data analysts, IT professionals, and system administrators who are looking to learn Azure and add AI capabilities to their skillset. Attendees will build on their experience while learning and developing new skills related to Azure AI, but they don't need to have extensive prior knowledge of AI or Azure to attend.

## Prerequisites

To ensure a smooth learning experience and maximize the benefits of attending this course, you should have the following prerequisite skills:

- A basic understanding of general IT concepts such as databases, servers, and networks would help attendees to grasp the concepts and functionalities of Azure AI services more effectively.
- Basic familiarity with any programming language can be beneficial when understanding the workflow of AI solutions, but you don't need to be a programmer to attend.
- Knowledge of basic data analysis concepts such as data cleaning, data manipulation, and understanding of data types will be helpful, particularly in the sections related to machine learning and data analytics.

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