Quick Start to Using Azure AI for Technical Users (TTAI2330)

Category: AI, Data & Analytics | **Vendor:** Trivera Tech

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Geared for technical professionals,®Quick Start to Azure AI Basics for Technical Users®is a fun, fast paced course designed to quickly get you up to speed with OpenAI's powerful tools and functionality, and to provide hands-on experience in setting up an OpenAI environment on Azure.® Guided by our AI expert, you'll explore the capabilities of OpenAI's GPT-3, Whisper and DALL-E, and build a chatbot on Azure. It will provide you with the knowledge and resources to continue your journey in AI and machine learning and have a good understanding of the potential of OpenAI and Azure for your projects.

About This Course

Geared for technical professionals, Quick Start to Azure AI Basics for Technical Users is a fun, fast paced course designed to quickly get you up to speed with OpenAI's powerful tools and functionality, and to provide hands-on experience in setting up an OpenAI environment on Azure. Guided by our AI expert, you'll explore the capabilities of OpenAI's GPT-3, Whisper and DALL-E, and build a chatbot on Azure. It will provide you with the knowledge and resources to continue your journey in AI and machine learning and have a good understanding of the potential of OpenAI and Azure for your projects.

First, you'll dive into the world of OpenAI, learning about its products and the capabilities they offer. You'll also discover how Azure's offerings for AI and machine learning can complement OpenAI's tools and resources, providing you with a powerful combination for your projects. And don't worry if you're new to Azure, we'll walk you through the process of setting up an account and creating a resource group.

As you progress through the course, you'll get the chance to work with OpenAI's GPT-3, one of the most advanced large

language models available today. You'll learn how to use the OpenAI API to access GPT-3 and discover how to use it to

generate high-quality text quickly and easily. And that's not all, you'll also learn how to build a GPT-3 based chatbot on Azure, giving you the opportunity to implement advanced natural language processing capabilities in your chatbot projects.

The course will also cover OpenAI Whisper, an OpenAI tool that can improve the quality of text generation, allowing you to

create more coherent and natural language content. And you will learn about OpenAI DALL-E, an OpenAI tool that can

generate images, giving you the ability to create unique and engaging visuals to enhance your content and projects.

NOTE: Everyday business users who are less technical might consider the TTAI2001: Azure OpenAI for Business Users as an alternative.

Who Should Attend

This introductory-level course is ideal for technical professionals working in a wide range of industries, such as software development, data science, marketing and advertising, finance, healthcare, and more, who
are looking to use the latest AI and machine learning techniques in their work. Basic Python skills recommended.

Prerequisites & Entry Requirements

General Prerequisites:

This introductory-level course is great for experienced technical professionals working in a wide range of industries, such as
software development, data science, marketing and advertising, finance, healthcare, and more, who are looking to use the
latest AI and machine learning techniques in their day to day. The hands-on labs in this course use Python, so you should have
some familiarity with Python scripting basics.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Working in an interactive learning environment, led by our engaging OpenAI expert you'll:
- Understand the capabilities and products offered by OpenAI and how to access them through the OpenAI API.
- set up an OpenAI environment on Azure, including creating an Azure virtual machine and configuring the environment to mconnect to Azure resources.
- Gain hands-on experience building a GPT-3 based chatbot on Azure and implement advanced natural language processing capabilities.
- Use the OpenAI API to access GPT-3 and generate high-quality text.
- Learn how to use Whisper to improve the quality of text generation.
- Understand the capabilities of DALL-E and use it to generate images for unique and engaging visuals.

Detailed Course Outline

Introduction to OpenAI and Azure

Explore OpenAI and its products, as well as Azure's offerings for AI and Machine Learning, allowing you to understand the tools and resources available to you for your AI projects.

Explore OpenAI and its products

Explore Azure and its offerings for AI and Machine Learning

Lab: Set up an Azure account and creating a resource group

Get Hands-On: Setting up an OpenAI environment on Azure

Walk through the process of setting up an OpenAI environment on Azure, giving you the hands-on experience needed to start building your own projects using OpenAI and Azure.

Create an Azure virtual machine and installing the OpenAI SDK

Configure the OpenAI environment and connecting to Azure resources

Lab: Set up an OpenAI environment on Azure

Explore OpenAI GPT-3

Learn about GPT-3, one of OpenAI's most powerful language models, and how to use it to generate high-quality text, giving you the ability to create natural language content quickly and easily.

Review GPT-3 and its capabilities

Use the OpenAI API to access GPT-3

Lab: Use GPT-3 to generate text

Get Hands-on: Building a GPT-3 based chatbot on Azure

Learn how to build a GPT-3 based chatbot on Azure, giving you the opportunity to learn how to implement advanced natural language processing capabilities in your chatbot projects.

Setup an Azure Function and creating a chatbot

Integrate GPT-3 with the chatbot

Lab: Build a GPT-3 based chatbot on Azure

OpenAI Whisper

Explore Whisper, an OpenAI tool that can improve the quality of text generation, allowing you to create more coherent and natural language content.

Explore Whisper and its capabilities

Use Whisper to improve the quality of text generation

Lab: Use Whisper to improve the text generated by GPT-3

OpenAI DALL-E

Explore DALL-E, an OpenAI tool that can generate images, giving you the ability to create unique and engaging visuals to enhance your content and projects.

Explore DALL-E and its capabilities

Use the OpenAI API to access DALL-E

Lab: Use DALL-E to generate images

What's Next: Keep Going!

Other ways OpenAI can impact your day to day

Explore great places to check for expanded tools and add-ons for Azure OpenAI

Where to go for help and support

Additional Course Details

Nexus Humans Quick Start to Using Azure AI for Technical Users (TTAI2330) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Quick Start to Using Azure AI for Technical Users (TTAI2330) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Quick Start to Using Azure AI for Technical Users (TTAI2330)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 1-day Quick Start to Using Azure AI for Technical Users (TTAI2330) course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Quick Start to Using Azure AI for Technical Users (TTAI2330) training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Quick Start to Using Azure AI for Technical Users (TTAI2330)?

Yes, we provide corporate training, dedicated training, and closed classes for Quick Start to Using Azure AI for Technical Users (TTAI2330). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: AI; Machine Learning; Azure

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Q: Why choose Nexus Human for Quick Start to Using Azure AI for Technical Users (TTAI2330)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Quick Start to Using Azure AI for Technical Users (TTAI2330) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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