301-258-8200 | Sales@PhoenixTS.com | www.PhoenixTS.com

View Full Course Details including Latest Schedule Online

MICROSOFT

AI-100T01: Designing and Implementing an Azure AI Solution

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Course Overview

Phoenix TS' 3-day instructor-led Microsoft Designing and Implementing an Azure AI Solution training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches you the necessary knowledge for designing Azure AI solution by building a customer support chat Bot using artificial intelligence from the Microsoft Azure platform including language understanding and pre-built AI functionality in the Azure Cognitive Services.

What You'll Learn

- Creating Bots
- Enhancing Bots with QnA Maker
- Learn How to Create Language Understanding Functionality with LUIS
- Enhancing Your Bots with LUIS
- Integrate Cognitive Services with Bots and Agents

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.

Program Level

Intermediate

Training Delivery Methods

Group Live

Duration

3 Days / 24 hours Training

CPE credits

13 NASBA CPE Credits

Field of Study

Information Technology

Advanced Prep

N/A

Course Registration

Candidates can choose to register for the course by via any of the below methods:

- Email: Sales@phoenixts.com
- Phone: 301-582-8200
- Website: www.phoenixts.com

Upon registration completion candidates are sent an automated course registration email that includes attachments with specific information on the class and location as well as pre-course study and test preparation material approved by the course vendor. The text of the email contains a registration confirmation as well as the location, date, time and contact person of the class.

Online enrolment closes three days before course start date.

On the first day of class, candidates are provided with instructions to register with the exam provider before the exam date.

Complaint Resolution Policy

To view our complete Complaint Resolution Policy policy please click here: Complaint Resolution Policy

Refunds and Cancellations

To view our complete Refund and Cancellation policy please click here: Refund and Cancellation Policy

Who Should Attend

This course is aimed at Cloud Solution Architects, Azure artificial intelligence designers, and AI developers.

Prerequisites

Before attending this course, students must have:

- Azure Fundamentals
- Understanding of Azure storage technologies
- C# Knowledge

Exam Information

AI-100: Designing and Implementing an Azure AI Solution

Note: The content of this exam was updated on May 20, 2020.

Analyze solution requirements	25-30%
Design AI solutions	40-45%
Implement and monitor AI solutions	25-30%

You can purchase the exam voucher separately through Phoenix TS. Phoenix TS is an authorized testing center for Pearson VUE and Prometric websites. Register for exams by calling us or visiting the Pearson VUE and Prometric websites.

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Course Outline

Module 1: Introducing Azure Cognitive Services

The student will learn about the available Cognitive Services on Microsoft Azure and their role in architecting AI solutions.

Lessons

- Overview of Azure Cognitive Services
- Creating a Cognitive Service on the Azure Portal
- Access and Test a Cognitive Service

Module 2: Creating Bots

The student will learn about the Microsoft Bot Framework and Bot Services.

Lessons

- Introducing the Bot Service
- Creating a Basic Chat Bot
- Testing with the Bot Emulator

Module 3: Enhancing Bots with QnA Maker

The student will learn about the QnA Maker and how to integrate Bots and QnA Maker to build up a useful knowledge base for user interactions.

Lessons

- Introducing QnA Maker
- Implement a Knowledge Base with QnA Maker
- Integrate QnA with a Bot

Module 4: Learn How to Create Language Understanding Functionality with LUIS

The student will learn about Language Understanding with Intents and Utterances (LUIS) and how to create intents and utterances to support a natural language processing solution.

Lessons

- Introducing Language Understanding
- Create a new LUIS Service
- Build LUIS

Module 5: Enhancing Your Bots with LUIS

The student will learn about integrating LUIS with a Bot to better understand the users' intentions when interacting with the Bot.

Lessons

- Overview of language understanding for AI applications
- Integrate LUIS and Bot to create an AI-based solution

Module 6: Integrate Cognitive Services with Bots and Agents

The student will learn about integrating Bots and Agents with Azure Cognitive Services for advanced features such as sentiment analysis, image and text analysis, and OCR and object detection.

Lessons

- Understand Cognitive Services for Bot Interactions
- Perform Sentiment Analysis for your Bot with Text Analytics
- Detect Language in a Bot with the Language Cognitive Services
- Integrate Computer Vision with Bots

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Starting at **$1,945**

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