MICROSOFT CLOUD WORKSHOP - INTELLIGENT ANALYTICS

Course Code: 8319

Enable intelligent conversation in a machine learning-enabled, real-time chat pipeline and apply analytics to visualize customer sentiment.

In this workshop you will learn real-time analytics without IoT. You will enable intelligent conversation in a machine learning-enabled, real-time chat pipeline and apply analytics to visualize customer sentiment in real-time for hospitals to allow guests to chat with one another and to communicate directly with the concierge.

What You’ll Learn

Students will be better able to implement a lambda architecture and enable web-based real-time messaging thru Web Sockets, Event Hubs, and Services Bus. In addition,

• Leverage Cognitive Services (LUIS & Text Analytics API)
• Process Events with Web Jobs
• Index with Search
• Archive with Cosmos DB
• Visualize with Power BI QA

Module 1: Whiteboard Design Session - Intelligent Analytics Lessons

• Review the customer case study
• Design a proof of concept solution
• Present the solution

Module 2: Hands-On Lab - Intelligent Analytics Lessons

• Before the hackathon
• Environment setup
• Implement message forwarding
• Configure the Chat Web App
• Deploy the App Services
• Add intelligence
• Build the Power BI dashboard
Enable search indexing
Cleanup

Who Needs to Attend

This workshop is intended for Cloud Architects and IT professionals who have architectural expertise of infrastructure and solutions design in cloud technologies and want to learn more about Azure and Azure services as described in the ‘Course Overview’ and ‘What You’ll Learn’ areas. Those attending this workshop should also be experienced in other non-Microsoft cloud technologies, meet the course prerequisites, and want to cross-train on Azure.

Prerequisites

Workshop content presumes 300-level understanding, specifically architectural expertise of infrastructure and solutions design. We suggest students take this prerequisite prior to attending this workshop. Student should have attended or have equivalent knowledge of one of the following courses: M20532, M20533, or M20535.
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| CLASSROOM LIVE | $795 USD | 1 day |

Classroom Live Outline

Module 1: Whiteboard Design Session - Intelligent Analytics Lessons
- Review the customer case study
- Design a proof of concept solution
- Present the solution

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<th>1 day</th>
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PRIVATE GROUP TRAINING 1 day

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