Developing Intelligent Apps and Bots

Modality: On Demand

Duration: 24 Hours

About this course:

Next-generation applications have carried the intelligence to software, makes able users to interact with ordinary gadgets in new manners.

In this course of data science for designers, you will figure out how to make savvy applications that utilization the intensity of machine learning to engage with clients in past unimaginable ways.

The normal pay for a Software Developer with Machine Learning aptitudes is $87,989 every year.

Course Objective:

- Make applications dependent on Azure Machine Learning web services
- Utilize APIs for Azure machine learning
- Publishing a Web Service
- Viewing Data in Microsoft Excel
- Create Sample Applications
- Introducing Text Analytics
- Setting up Text Analytics
- Working with Text Analytics
- Create autonomous "bots"
- Real Time Analytics
- Introduction to Azure Stream Analytics
- Machine Learning Integration into Stream Analytics
- Create real-time intelligent answers for IoT/big data situations

Audience:

This course is proposed for

Developers who wish to understand machine learning.

Prerequisites:

Understanding of the use of GitHub to clone repositories to your local system

Knowledge of Visual Studio

Suggested prerequisites courses:

Azure Fundamentals

Course Outline:

Module 1 - Azure Machine Learning Web Services

- Introduction to Module One
- Publishing a Web Service
- Viewing Data in Microsoft Excel
- Create Sample Applications
- Assessment
- Lab 1

Module 2 - Text Analytics

- Introduction to Module Two
- Introducing Text Analytics
- Setting up Text Analytics
- Working with Text Analytics
- Assessment
- Lab 2

Module 3 - Creating "Bots"

- Introduction to Module Three
- Bot Basics
- Build a Simple Bot
- Enhancing your Bot
- Assessment
- Lab 3

Module 4 - Real Time Event Processing

- Introduction to Module Four
- Real Time Analytics
- Introduction to Azure Stream Analytics
- Machine Learning Integration into Stream Analytics
- Assessment
- Lab 4
- Resources

End of Course Evaluation

- Course Evaluation?