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Learning Style: On Demand

Technology: Microsoft

Difficulty: Beginner

Course Duration: 16 Hours

## Introduction to Artificial Intelligence



### About this course:

Artificial Intelligence will consider software solution's next generation. This course of computer science gives an outline of AI and explains how it tends to be utilized to construct savvy applications that assist associations with being progressively productive and advance individuals' lives. It utilizes a blend of engaging hands-on exercises and lectures to assist you with taking your initial phases in the exciting field of AI.

Find how machine learning can be utilized to create prescient models for AI. Figure out how software can be utilized to analyze, process, and remove meaning from natural language; and work with video and images to comprehend the world the manner in which we do. Find out how to create intelligent bots that empower conversational correspondence between AI frameworks and humans. Also, this course enables understudies for Artificial Intelligence To graduate Certificate test

The normal compensation for Artificial Intelligence Engineer is \$115,000 annually.

### **Course Objective:**

- Make basic models of machine learning with Azure Machine Learning;
- Use Microsoft and Python cognitive services to work with speech, text, pictures, and video;
- Utilize the Framework of Microsoft Bot to execute conversational bots.

### **Audience:**

This course is planned for;

Anyone interested in Artificial Intelligence, Machine Learning or Deep Learning

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### **Prerequisites:**

Should be good in High School Math

### **Suggested prerequisites courses:**

Azure Fundamentals

### **Course Outline:**

#### **Machine Learning**

- Machine Learning Fundamentals
- Azure Machine Learning Studio
- Lab

#### **Language and Communication**

- Getting Started with Text Processing
- Introduction to Natural Language Processing
- Language Understanding Intelligent Service
- Lab

#### **Computer Vision**

- Getting Started with Image Processing
- Working with Images and Video
- Lab

## Conversation as a Platform

- Introduction to Bots
- Building Intelligent Bots
- Lab

## Learning More

- Beyond the Basics
- Where Do I Go From Here?

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