

Developing Big Data Solutions with Azure Machine Learning

Course Syllabus

Course Prerequisites

This course assumes some knowledge of:

- Building data processing pipelines with Azure Data Factory
- Building real-time data processing solutions with Azure Stream Analytics

Course Outline

- Introduction
- Introduction to Azure Machine Learning
- Building Predictive Models with Azure Machine Learning
- Operationalizing Machine Learning Models
- Using Azure Machine Learning in Big Data Solutions
- Final Exam

Expected Effort

Each week, you should expect to spend 3-4 hours on the course, including viewing the lecture videos, further reading, answering review questions, and completing hands-on labs.

Coursework and Grading

The course work in this course is ungraded. However, to successfully complete the course you must complete the mandatory pre- and post- course surveys.

Discussion

We encourage all students to submit questions, observations, and comments in the **Discussion** section. If you have any issues while working on the course, check here first – your fellow students may have already found a resolution!

Please remember that the discussion forum is open to all students and staff, and while we love to see passionate engagement, abusive or inflammatory behavior will not be tolerated.

Due to the volume of students attending this course, it will not be possible for the course staff to answer every question individually. You should still post questions however, because in many cases, your fellow students may be able to help.