Machine Learning & AI for Business (NEW)

This class introduces Machine Learning and AI at a basic level for business users. It also serves as a background and refresher for students taking DP-100 Azure Data Scientist and provides a foundation for the learning that will take place in that course. Students will learn the fundamentals of AI and Machine Learning, their role in the modern data ecosystem as well as look at some useful applications within business.

This course can be taken as a bridging course to help students connect what they've learned from DP-900 Data Fundamentals to the content in for DP-100 Azure Data Scientist, or as a standalone course for business users who do not need to learn in depth Machine Learning.

Course details

- Length: 6 hours
- Material Required: None, but students can use the Microsoft Learn AI-900 AI Fundamentals self-paced learning modules to supplement the material in this course.
- Course Requirements: completion of DP-900 is a pre-requisite
- Recommended course cap: 40 students

Learning Outcomes

1. Introduction to AI for business
   1.1. Artificial Intelligence in Azure
   1.2. Responsible AI

2. Machine Learning & AI for Business
   2.1. Introduction to Machine Learning
   2.2. How Machine Learning can be applied in business
   2.3. The Machine Learning Workflow
   2.4. Using the TDSP and CRISP-DM models to do Team Data Science

3. AI for Business Case Studies
   3.1. Conversational AI,
   3.2. Natural Language Processing
   3.3. Chatbot functionality