

Machine Learning Advanced Concepts



Natural Language Processing and Sentiment Analysis

For organisations who have decided to adopt complex machine learning processes in the Azure Machine Learning platform, it is essential that their staff have the knowledge and capability to apply advanced machine learning methodology to effectively solve business problems.

How we help

Delivered as the second day of Insight's 2 Day Machine Learning training program, the Machine Learning Advanced Concepts training is perfect for businesses who are looking to enhance their data science and analytics function. Covering the complete journey from text pre-processing to the creation and deployment of a sentiment analysis model in Azure Machine Learning, this training provides a comprehensive overview of advanced concepts including natural language processing and sentiment analysis.

Led by our experienced data science consultants, this training will provide users with the skills to leverage advanced machine learning techniques in Azure Machine Learning.

What to Expect

Advanced Machine Learning Concepts

- Hyper-parameter tuning
- Evaluation metrics deep dive
- Under and over fitting and sampling
- Creating ensembles

Natural Language Processing Concepts

- Sentiment analysis
- Named entity recognition
- Topic modelling
- Summarisation
- Relationship extraction

Text Pre-Processing

- Stop word removal
- Part of speech tagging
- Stemming
- Lemmatisation

Learning Objectives

- Understand advanced modelling techniques and concepts
- Understand basic concepts of natural language processing
- Parsing and pre-processing textual data
- Creating a sentiment analysis model

Pre-requisites

- Completion of Machine Learning Foundations Training
- Access to Azure Machine Learning

Insight awards

- 2021 Worldwide Partner of the Year in Solution Assessments and Azure Migration
- Microsoft Solutions Partner for all Solution Areas

Get started.

To learn about pricing and how to begin, contact ANZ_DI_Sales@insight.com

Microsoft
Partner



2023 Australia Partner of the Year Winner
2023 Solution Assessment Award Winner
2021 Migration to Azure Award Winner

