

# Machine Learning Foundations

## Build, train and deploy a machine learning model with Azure Machine Learning

For organisations who have decided to leverage the Azure Machine Learning platform, it is essential that their staff have the knowledge and understanding to effectively train and deploy a Machine Learning model to predict outcomes and solve business problems.

### How we help

As day one of Insight's 2-day Machine Learning training program, the hands-on Azure Machine Learning Foundations training is perfect for any organisation looking to take their data science and analytics function to the next level. Covering the complete journey from data exploration and cleansing to algorithm selection, training and model deployment, this training provides attendees with the opportunity to build and deploy a machine learning model of their own leveraging Azure Machine Learning.

Led by our experienced data science consultants, this training will provide users with the skills to prepare, train and deploy a Machine Learning model in Azure Machine Learning.

### What to Expect

- Intro to Machine Learning concepts
- Exploring and cleaning data
- Using the designer in Azure ML
- Setting up Datastores and Datasets
- Creating Compute and Deployment Targets
- Selecting and Training an Algorithm
- Evaluating your trained model
- Understanding evaluation
- Comparing model results
- Deploying a model

### About Insight

Insight Enterprises, Inc. is a Fortune 500 solutions integrator with more than 11,500 teammates worldwide helping organisations accelerate their digital journey to modernise their business and maximise the value of technology. We enable secure, end-to-end transformation and meet the needs of our clients through a comprehensive portfolio of solutions, far-reaching partnerships and 33+ years of broad IT expertise. Rated as a Forbes World's Best Employer and certified as a Great Place to Work, we amplify our solutions and services with global scale, local expertise and a world-class e-commerce experience, realising the digital ambitions of our clients at every opportunity.

### Learning Objectives

- Prepare data for use by a machine learning experiment
- Train a machine learning model
- Deploy a model trained to make predictions

### Pre-requisites

- 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](mailto: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

