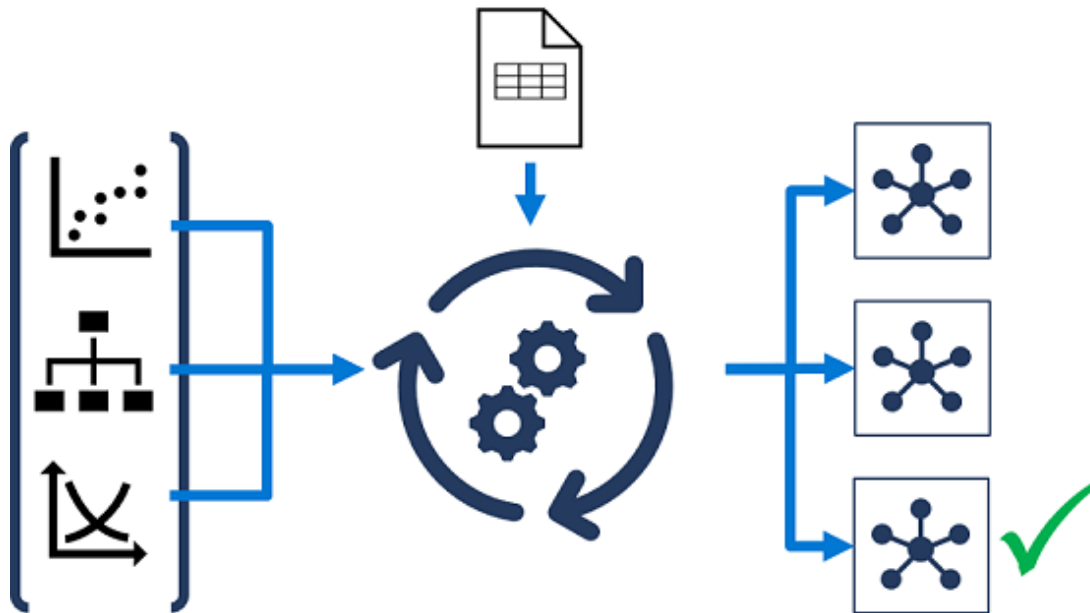


What is Automated Machine Learning?

Automated Machine Learning enables you to try multiple algorithms and preprocessing transformations with your data. This, combined with scalable cloud-based compute makes it possible to find the best performing model for your data without the huge amount of time-consuming manual trial and error that would otherwise be required.



The automated machine learning capability in Azure Machine Learning supports supervised machine learning models; in other words, models for which the training data includes known label values. You can use automated machine learning to train models for:

- Classification (predicting categories or classes)
- Regression (predicting numeric values)
- Time series forecasting (regression with a time-series element, enabling you to predict numeric values at a future point in time)

The “best” performing model is identified based on the metric you specify.