

Highlight

Note

## Automated Machine Learning Data

Automated machine learning is designed to enable you to simply bring your data, and have Azure Machine Learning figure out how best to train a model from it.

When using the Automated Machine Learning user interface in Azure Machine Learning studio, you can create or select a dataset to be used as the input for your automated machine learning experiment.

When using the SDK to run an automated machine learning experiment, you can submit the data in the following ways:

- Specify a dataset or dataframe of *training data* that includes features and the label to be predicted.
- Optionally, specify a second *validation data* dataset or dataframe that will be used to validate the trained model. If this is not provided, Azure Machine Learning will apply cross-validation using the training data.

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