✓ 100 XP ▶

Preprocessing and featurization

5 minutes

As well as trying a selection of algorithms, automated machine learning can apply preprocessing transformations to your data; improving the performance of the model.

Scaling and normalization

Automated machine learning applies scaling and normalization to numeric data automatically, helping prevent any large-scale features from dominating training. During an automated machine learning experiment, multiple scaling or normalization techniques will be applied.

Optional featurization

You can choose to have automated machine learning apply preprocessing transformations, such as:

- Missing value imputation to eliminate nulls in the training dataset.

- Categorical encoding to convert categorical features to numeric indicators.

- Dropping high-cardinality features, such as record IDs.

- Feature engineering (for example, deriving individual date parts from DateTime features)

- Others...

  More Information: For more information about the preprocessing support in automated machine learning, see What is automated machine learning   .

Next unit: Running automated machine learning experiments

Continue ›