



What is ML?

Intro to ML Models

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What **Can** Machine Learning Do?

Classification

Using labeled data as a guide, determine which class or category an example belongs to.

Classification

Clustering

Find relationships between data, typically without a labeled training set.

Clustering

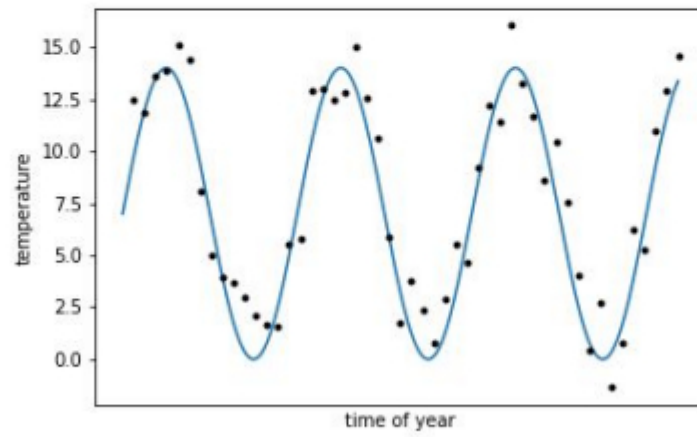
Regression

Predict the relationship between multiple variables where the target is continuous.

Regression



Regression



Sequences

Suggest the next value in a sequence.

Sequences



What **Can't** Machine Learning Do?

Dataset Quality

What attributes of a dataset would you consider ideal?

- Large size / High diversity
- Large size / Low diversity
- Small size / High diversity
- Small size / Low diversity

Does the ordering of the data matter? Why?

