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Unsupervised Learning

- With unsupervised learning there is no outcome variale, just a set of predictors (features) measured on a set of samples.
- Objective is more fuzzy: find groups of samples that behave similarly, find features that behave similarly, find linear combinations of features with the most variation.
- Difficult to know how well you are doing.
- Different from supervised learning but can be useful as a pre-processing step for supervised learning.
- Key difference: predict the cluster of a data record without predicting an explicit label