Clustering

Clustering is a form of machine learning that is used to group similar items into clusters based on their features. For example, a researcher might take measurements of penguins, and group them based on similarities in their proportions.

Clustering is an example of unsupervised machine learning, in which you train a model to separate items into clusters based purely on their characteristics, or features. There is no previously known cluster value (or label) from which to train the model.