

Knowledge check

3 minutes

Answer the following questions to check your learning.

1. K-Means clustering is an example of which kind of machine learning?

☐ Supervised machine learning

☒ Unsupervised machine learning ✓

That is correct. Clustering is a form of unsupervised machine learning in which the training data does not include known labels.

☐ Reinforcement learning

2. You are using scikit-learn to train a K-Means clustering model that groups observations into three clusters. How should you create the KMeans object to accomplish this goal?

☒ `model = KMeans(n_clusters=3)` ✓

That is correct. The `n_clusters` parameter determines the number of clusters.

☐ `model = KMeans(n_init=3)`

☐ `model = KMeans(max_iter=3)`

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