Congratulations! You passed!

Grade received 100% **Latest Submission Grade** 100% **To pass** 80% or higher

Go to next item

1. The objective of k-means clustering is: 1 / 1 point

Correct

2. Which option correctly orders the steps of k-means clustering? 1 / 1 point

1. Re-cluster the data points
2. Choose k random observations to calculate each cluster's mean
3. Update centroid to take cluster mean
4. Repeat until centroids are constant
5. Calculate data point distance to centroids

Correct

3. How can we gauge the performance of a k-means clustering model when ground truth is not available? 1 / 1 point

Correct

4. When the parameter K for k-means clustering increases, what happens to the error? 1 / 1 point

Correct

5. Which of the following is true for partition-based clustering but not hierarchical nor density-based clustering algorithms? 1 / 1 point

Correct