Ungraded: Comparing Clustering Algorithms
Practice Assignment • 10 min

Exit

Your grade: 100%

Your latest: **100%** • Your highest: **100%**
To pass you need at least 66%. We keep your highest score.

Next item →

1. *Which of the following statements is a characteristic of the DBSCAN algorithm?* 1 / 1 point

- (•) Can handle tons of data and weird shapes.

  Correct! This characteristic refers to the DBSCAN algorithm. You can find more information in the lesson *Comparing Algorithms.*

- ( ) Finds uneven cluster sizes (one is big, some are tiny).
- ( ) It will do a great performance finding many clusters.
- ( ) It will do a great performance finding few clusters.

2. *Which of the following statements is a characteristic of the Hierarchical Clustering (Ward) algorithm?* 1 / 1 point

- ( ) If we use a mini batch to find our centroids and clusters this will find our clusters fairly quickly.
- (•) It offers a lot of distance metrics and linkage options.

  Correct! This characteristic refers to theHierarchical Clustering (Ward) algorithm. You can find more information in the lesson *Comparing Algorithms.*

- ( ) Too small epsilon (too many clusters) is not trustworthy.
- ( ) Too large epsilon (too few clusters) is not trustworthy.

3. *Which of the following statements is a characteristic of the Mean Shift algorithm?* 1 / 1 point

- (•) Does not require to set the number of clusters; the number of clusters will be determined.

  Correct! This characteristic refers to the Mean Shift algorithm. You can find more information in the lesson *Comparing Algorithms.*

- ( ) Bad with non-spherical cluster shapes.
- ( ) You need to decide the number of clusters on your own, choosing the numbers directly or the minimum distance threshold.
- ( ) Good with non-spherical cluster shapes.