

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 the Hierarchical 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 point

☐ Does not require to set the number of clusters; the number of clusters will be determined.

☐ 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.

Incorrect. This characteristic refers to the Mini-Batch / K-Means algorithm. Please review the lesson *Comparing Algorithms*.