Follow-along instructions: Apply inertia and silhouette score with Python

Accessing and utilizing resources in this section

While watching the video that follows this reading, you may find it helpful to track the instructor's progress by following along in your own Jupyter notebook. To do so, open the annotated follow-along guide for the video. The content in this notebook is identical to the content shown in this lesson's instructional video. In addition to that content, you'll find additional information throughout the notebook. That information is provided to explain the purpose of each concept covered, why the code is written in a certain way, and tips for running the code.

Steps to complete:

1. Read this page of instructions.

2. Open the Follow-along instructions: Apply inertia and silhouette score with Python ⬀, which contains a version of the same notebook the instructor will use in the video.

3. Follow along with the instructor as they go over the code in the notebook.

4. Learn from the instructor and practice running the code in your notebook.

In this lesson's video, your notebook will use synthetic data for illustrative purposes. All data will be created in the notebook itself.

This lesson's video will demonstrate the process of using inertia and silhouette score in scikit-learn to help determine a *k* value for a K-means model. These metrics are especially useful on higher-dimensional data that cannot easily be visualized in 2-D or 3-D space.

Mark as completed