Follow-along instructions: Construct a logistic regression model 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 Annotated follow-along guide: Construct a logistic regression model 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 include this dataset:

Data dictionary

In this lesson's video, your notebook will include the **`activity`** dataset. It represents data about measurements based on motion detectors monitoring the elderly participants. The dataset is modified from the UCI Machine Learning Repository.

The **`activity`** dataset contains:

494 rows – each row represents an action as captured by a body-worn motion sensor

2 columns:

Column name	Type	Description
ACC vertical	int64	Represents the acceleration of one of the study participants in terms of their vertical axis while in the process of laying down.
Lying down	int64	If "0," the subject was performing a different activity. If "1" the subject was performing the lying down activity.