Jupyter Notebook Homework 1.1:

Creating Data Visualizations

Due: 04th March 2025

(This is a group assignment, only one submission is required, but it should include each member's contribution, as shown in the table below)

Individual Contribution			
CWID	**Name**	**Contribution (description)**	**Percent Contribution**
A0000001	Smith Johns	Details???	33.3%
A0000003	Peter Mike	Details???	33.3%
A0000003	Peter Mike	Details???	33.3%

Create a visualization that best describes the data sourced from any of the following sites:

- Kaggle.com/datasetsLinks to an external site.
- Amazon Web Services (AWS) MarketplaceLinks to an external site.
- DataShop

Write a report describing the following:

- Describe the dataset
- Present your visualization(s) – at least 4 different visualizations
- Explain the method you used to create the visualization
- Share what libraries you have used
- Describe the results you found and what they tell you about the dataset you chose

You may find the following resources helpful (and sometimes funny) in guiding the creation of your visualization.

- 8 Ways to Turn Good Data into Great Visualizations: Links to an external site. GoodData presents 8 principles of good data visualization
- Visualizations That Really Work: Links to an external site. Harvard Business Review presents a framework for creating visualizations
- Why Is This Chart Bad? The Ultimate Guide to Data Visualization Evaluation using GoDVE: Links to an external site. This resource both analyzes several visualizations, points out the flaws with each visualization, and presents a framework for developing visualizations

NB: Select an appropriately sized dataset for this program and your skill level (i.e., beginners might use a dataset with five or fewer columns and about one hundred rows).

Submission materials:

Create a GitHub account, upload all your working files/folders, and submit only the GitHub link for grading on Canvas.

END