ECON 0150 | Spring 2025 | Homework 02

Due: Friday, Jan 24 (late due Mon at 5 PM)

Homework is designed to both test your knowlege and challenge you to apply familiar concepts in new applications. Answer clearly and completely. You are welcomed and encouraged to work in groups so long as your work is your own. Use the datafiles to answer the following questions. Then submit your figures and answers to Gradescope.

Q1. Visualizing Variable Types and Data Structures

You may use data from the Data Hub or a data source you find interesting. If you're using an external source, include it on Gradescope. For each of these questions, find a variable type and data strcture that would be appropriate for each visualization tool.

a) Use a pie chart to appropriately visualize a variable.

b) Use a bar graph to appropriately visualize a variable.

c) Use a histogram to appropriately visualize a variable.

d) Use a line graph to appropriately visualize a variable through time.