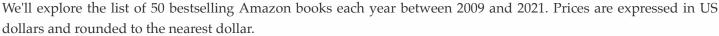# ECON 0150 | Fall 2025 | Homework 1.5

Due: Friday, Jan 31, 5PM

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. Amazon Book Sales

We'll explore the list of 50 bestselling Amazon books each year between 2009 and 2021. Prices are expressed in US dollars and rounded to the nearest dollar.

a) Who collected this data?

b) How many bestsellers are fiction books?

c) How many nonfiction bestsellers cost more than 50 dollars?

d) How many bestsellers from after 2015 didn't cost anything?

e) *Use the 'Median Price' column to construct a new column of book price relative to the average bestseller price that year. How many books are cheaper than the average bestseller that year?*