EC 103–003

Lab Practice 7

Prof. Santetti

Spring 2023

`INSTRUCTIONS`: Lab Practices have the purpose of reviewing the previous applied video lecture(s) and introducing new content to improve students' empirical macroeconomic analysis using R and RStudio.

In this practice, you will aggregate higher-frequency macroeconomic data and work with lower-frequency results. This is relevant depending on how one wants to fucus on the issue at hand.

There is 1 problem, worth 10 points.

`Assignment due March 20 (M), before class`.
`Points Possible: 10`

- You have 1 week to complete this assignment. See our `course syllabus` for late submissions policies.
- Be honest. Don't cheat.
- As a Skidmore student, always recall your votes of academic integrity, and the **`Honor Code`** you have abided by:

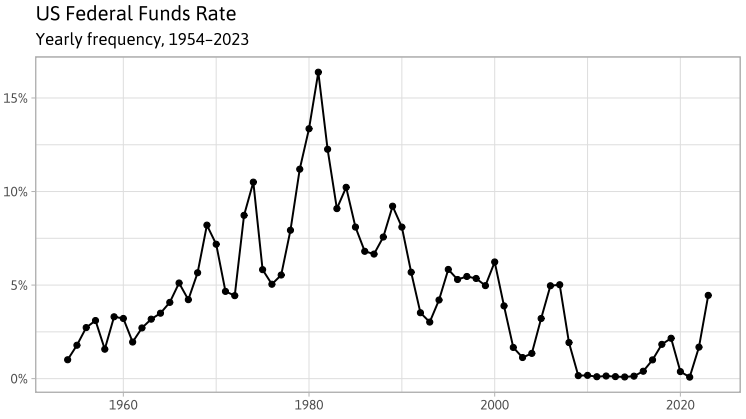
> *"I hereby accept membership in the Skidmore College community and, with full realization of the responsibilities inherent in membership, do agree to adhere to honesty and integrity in all relationships, to be considerate of the rights of others, and to abide by the college regulations."*

Have fun!

Problem 1

Using FRED, download the monthly federal funds rate data from the `FEDFUNDS` series using this `link`. `IMPORTANT`: after downloading, do not open this file in Excel/Numbers. Simply save it in your working directory and we'll work with it in RStudio.

This is data in monthly frequency. In case we want to analyze the data in, say, *annual* frequency, a graph would look like the following:



Using what you've learned in this week's lab lecture, try to replicate the plot above. (Disregard theme and fonts. Use whichever ones you prefer.)

Save your code for this problem in an R script and submit it through `theSpring`.