

# EC 103–003

## Mini Project 2

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**Prof. Santetti**

Spring 2023

**INSTRUCTIONS:** In this second mini project, you will apply all your economic data manipulation and visualization learned so far.

You are all given the *same* data set, the *Extended Penn World Tables*, v. 7, prepared by Adalmir Marquetti, Henrique Morrone, and Alessandro Miebach, and each of you will generate a **different** set of charts (at least 2, but feel free to create more) using the *tidyverse* and your macroeconomic knowledge to analyze some variable(s) of interest, for a country—or group of countries—included in this data set.

Be **creative** and **informative**! Your figures should tell a *story* that you will bring to life not only visually, but also in a *written* format. Thus, you are asked to write a short piece, between 3 and 5 pages, telling:

1. **Why** did you choose this specific country (or group of countries), and this specific variable (or group of variables)?
2. **What** are the main *insights* that you get from your graphs? Briefly explain.
3. **How** do your figures help to tell this story?

The full data set (in *.csv* format) and a PDF file with a description of all its variables are available on *theSpring*.

Submit a single PDF file, with your text and figures organized in the best way to suit your project.

**Assignment due April 3 (M), before class.**

**Points Possible: 40**

Useful links for inspiration:

- [#TidyTuesday on Twitter](#)
- [Nathan Yau's FlowingData](#)
- ["Visual Vocabulary," from Financial Times](#)

- 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!**

**QUICK RUBRIC:**

- Your plots have proper labels and clear titles, as well as the data source: 10 points;
- The figure clearly expresses your creativity, and your ideas presented in the written portion: 15 points;
- Your essay is clearly written, including your motivation and interpretation of the figures you have created: 15 points.