Data Management for Visualization

Working with Country-Year Data

In this problem set, we’d like to see you take a dataset of your choice and apply exercises similar to those of the associated assignments in Data Management 3.

*Helpful Hint*: You’ll need to choose country-year data that includes variables with numerical values. The IPE Data Resource is a great place to start your search!

**Exercise 1**

1a Collapse your country-year data to get global averages by year a single variable.

1b Get global averages by year for multiple variables.

**Exercise 2**

Choose a region or continent and find the regional averages by year for multiple variables.

**Exercise 3**

Find the regional averages by decade.

**Exercises 4-10**

Choose a set of countries within your region. Take out one cross-sectional year so each country has one value. Create one dataframe with the global, regional, and local values for your variables.