DataVizA Tutorial: Introduction and R

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Tutorial 1

Introduction to R

1. Get R and R Studio installed on your computer.

2. Install the `tidyverse` onto your computer.

3. Load the dataset SwissExports.rds which can be downloaded from Moodle. This data has four variables, a country code, the total value of exports in January 1988 and December 2018 (both in Swiss Francs) and a region code. The data can be read using the `readRDS` function

4. Produce a histogram of the exports in December 2018. Use the function `qplot` for this.

5. How would you describe the skew in the data

6. Do you identify any outliers in the data?

7. Produce a scatterplot of January 1988 exports against December 2018 exports. Use the `qplot` function.

8. Describe the relationship between exports in January 1988 and December 2018.

9. Are there outliers in the data?

10. How could this plot be improved?