

1. **Warm up:** Today's warm up is about Project 1 presentations from last week.
  - (a) How did you assign grades to other students? What did you look for?
  - (b) Click through the following links:
    - Gender equality in Latvia as measured by **knowledge** and **power**
    - Higher standards for women in **publishing**
    - Higher standards for women in **finance**
  
2. **Daily Python:** Inspect the data in the Colab notebook linked from ORTUS.

Discuss with a partner:

  - (a) the main impression you get from each plot
  - (b) other ways to represent errors or a range in values
  
3. **Main task:** Today's task is about errors and averages.
  - (a) Download the daily temperature file `lab9-rigatemperature.csv` from ORTUS and load it in Python (by using, for example, `pd.read_csv( ... )` from `pandas`).

The data is a small part of the full set here: [kaggle.com](https://www.kaggle.com)
  - (b) **First plot:** Create a scatter plot of the temperature, with:
    - day of year on the horizontal axis
    - temperature in celsius on the vertical axis

Make sure to choose an appropriate color scheme for the points.
  - (c) **Second plot:** Create a line graph of the same data and axes, but use some visual representation of the possible range. Suggested options:
    - error bars (with or without caps)
    - lightly colored data in the background
    - lightly colored shape representing the range

Submit the images of the plots on ORTUS.