1st Intilaq DSA Test (Lab)

Exploring the data

1. Download the dataset from this address
   https://github.com/AttilaDSA/IntilaqDSAcademy/blob/master/Test/data.csv

2. What is the number of observation in the dataset?

3. What is the number of columns in the dataset and print their names?

4. What is the data type of each column?

5. How many different occupations there are in this dataset? What is the most frequent occupation?

6. What is the mean age of users? What is the age with least occurrence?

Specifying the queries

For all the questions below marked with (*), use matplotlib (or any other python plotting library) to draw the results you found. Choose the proper way to display the data (curves or histograms).

1. What is the mean age per occupation?(*)

2. What is the male ratio per occupation? (*)

3. Which occupation has the most male ratio?

4. For each occupation, calculate the minimum and maximum ages. (*)

5. For each occupation present the percentage of women and men.(*)