

Consider the `500_Person_Gender_Height_Weight_Index.csv`. In this dataset, we have the following information on 500 persons: **Gender**, **Height** (in cm), **Weight** (in kg), and **Index** (0: extremely weak, 1: weak, 2: normal, 3: overweight, 4: obesity, 5: extreme obesity). Complete the following in Python:

- (1) (3 points) Using the pandas library, read the csv file and create a data-frame called `index`.
- (2) (3 points) Create a frequency table for **Gender**.
- (3) (6 points) Create a data set that contains only **Female** observations. After that, compute the summary statistics for **Height**, **Weight** and **Index**.
- (4) (4 points) Print all the **Males** with **Index** greater than or equal to 4.