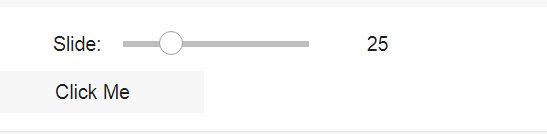
**EXP 1**

**Coding**

****

**Output**

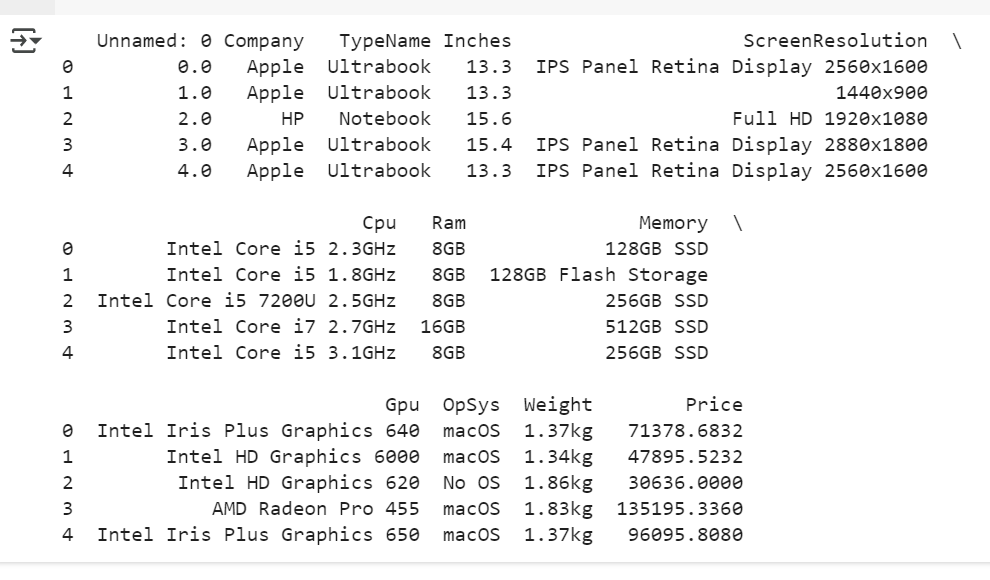
****

EXP 2

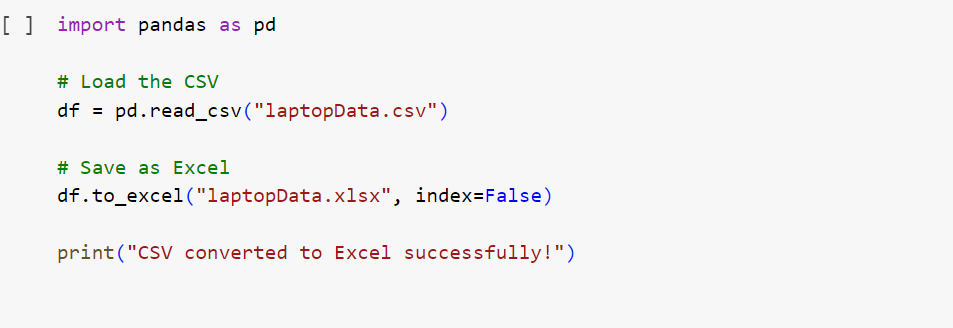
**Coding**

****

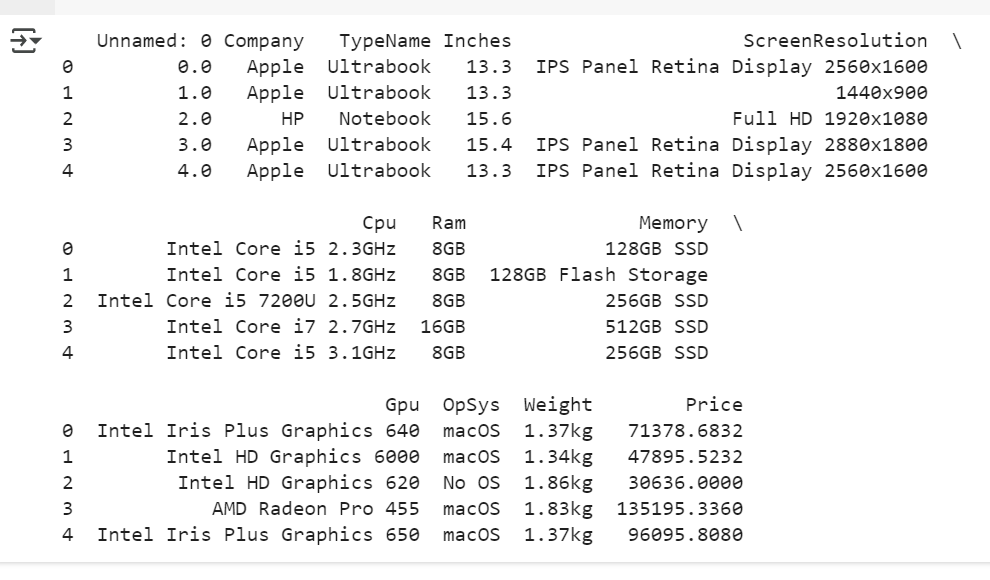
**Output**

****

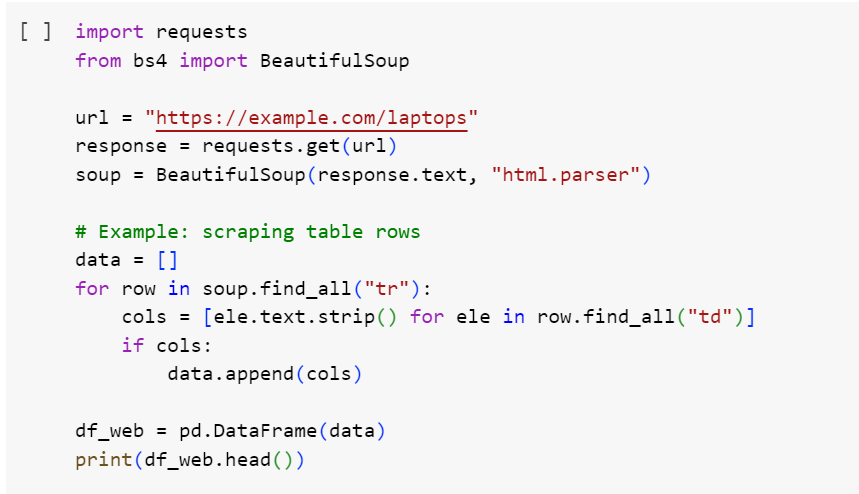
**Coding**

****

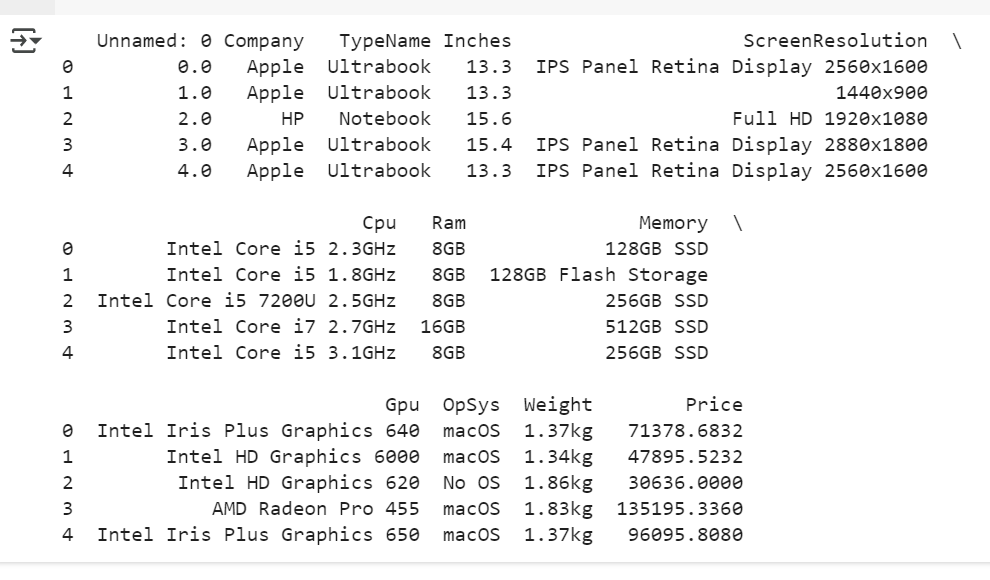
**Output**

****

**Coding**

****

**Output**

****

EXP 3

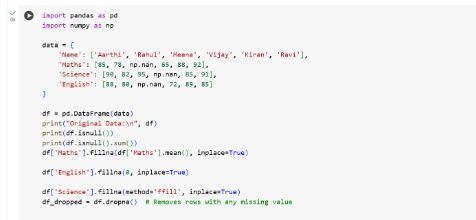
EDA-Data Cleaning

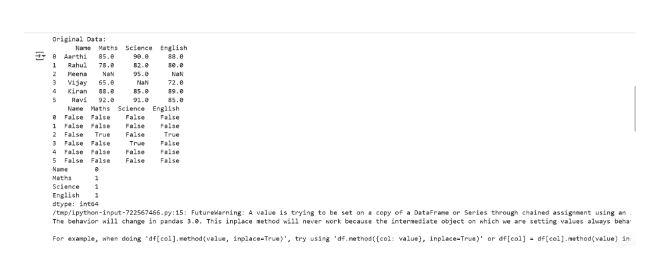
Handling missing values: detection, filling, and dropping

Removing duplicates and unnecessary data

Data type conversion and ensuring consistency

Normalize data (e.g., standardization, min-max scaling)







# EXP 4

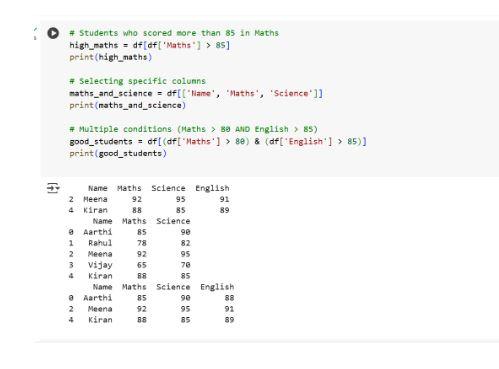
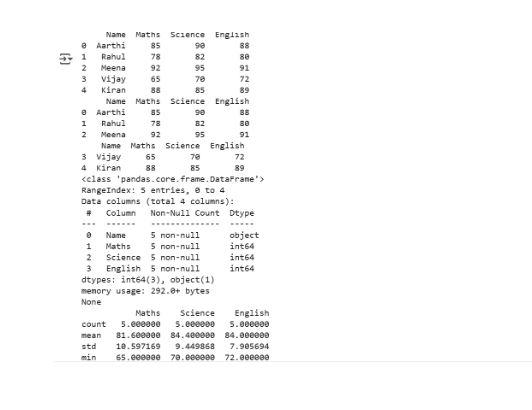
EDA-Data Inspection and Analysis

Viewing and inspecting DataFrames

Filtering and subsetting data using conditions

Descriptive statistics: measures of central tendency (mean, median, mode) and measures of

dispersion (range, variance, standard deviation)



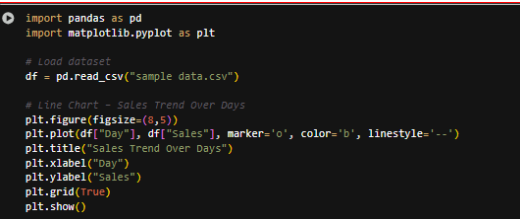
EXP 5

EDA-Data Visualization with Matplotlib

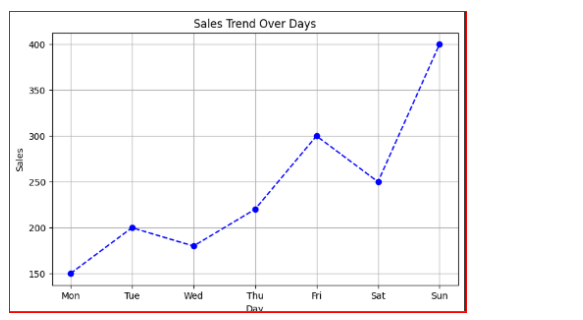
Basic plotting: line charts, bar charts, histograms

line charts:

CODE:

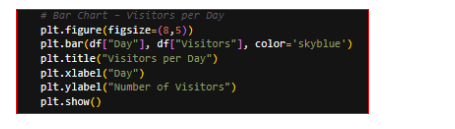


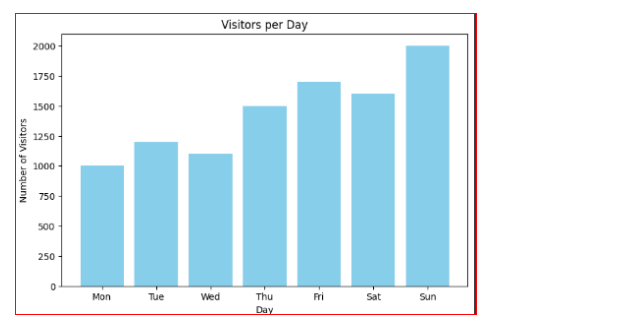
OUTPUT



Bar charts:

CODE:



OUTPUT:

Histograms:

CODE:



OUTPUT:

