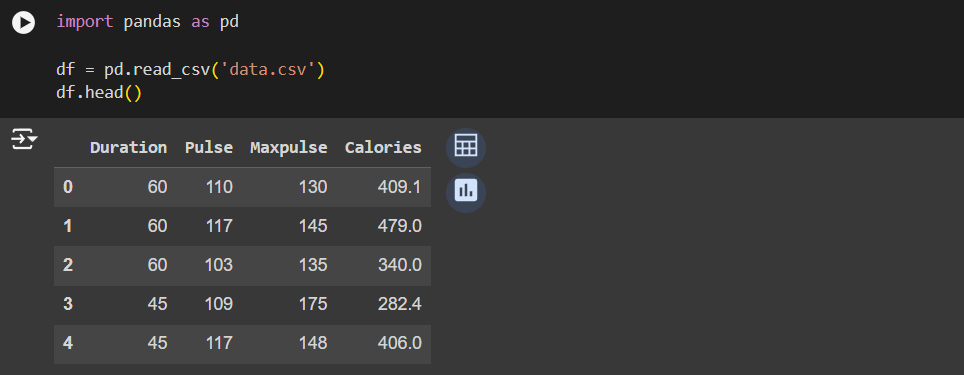
**Assignment - 1**

**GithubLink:** <https://github.com/Avanthireddy04/machine_learning_assignments/tree/main/Assignment_1>

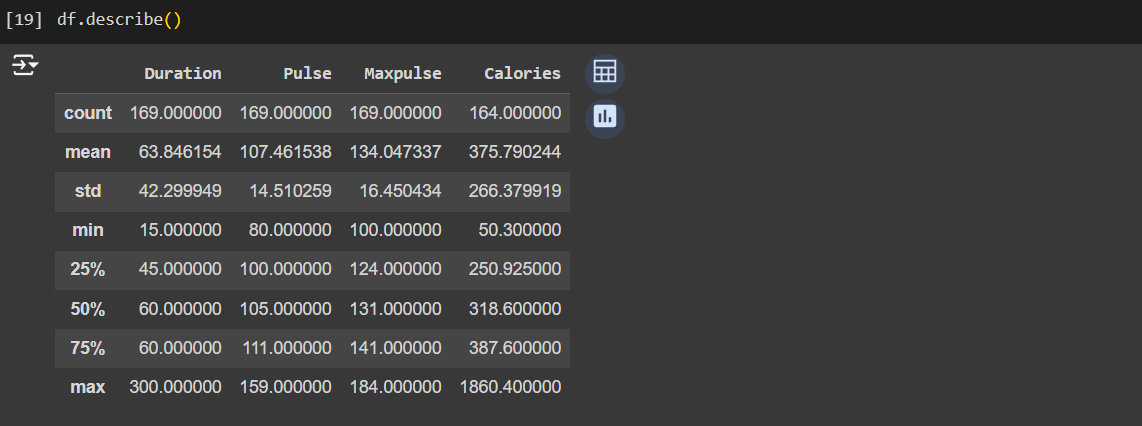
**Description:**

* Reading the CSV file ‘data.csv’



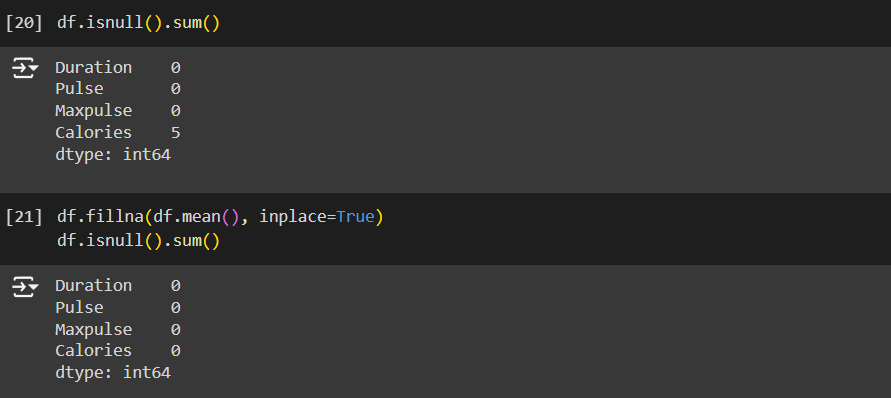
**Description:**

* Showing the basic statistical description about the data



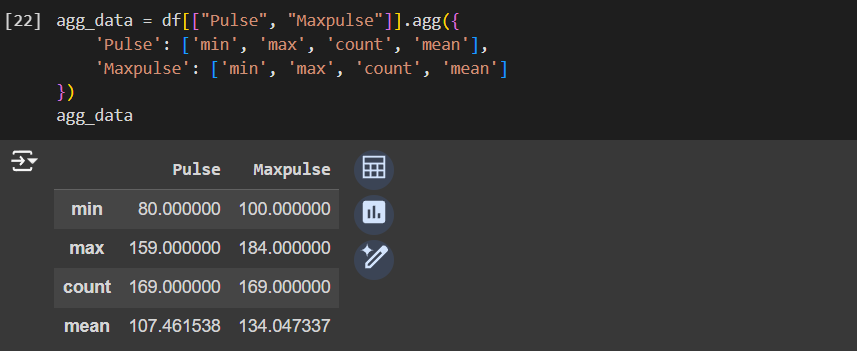
**Description:**

* Checking if the data has null values and replacing the null values with the mean



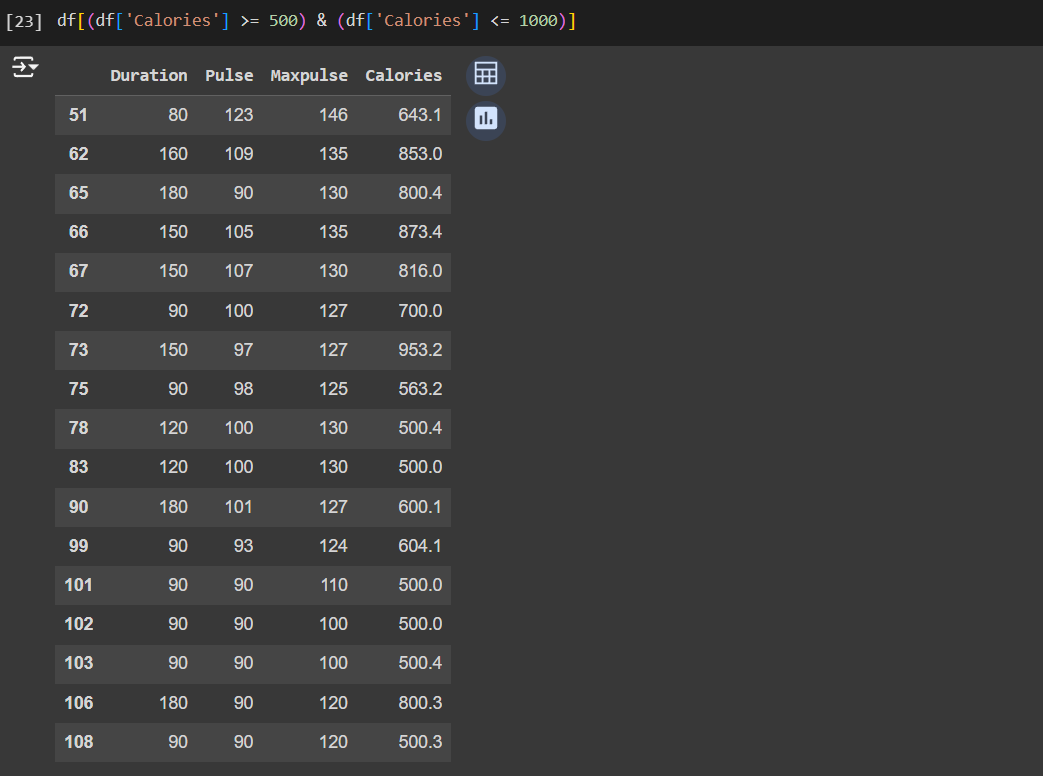
**Description:**

* Selecting at least two columns and aggregating the data using: min, max, count, mean.



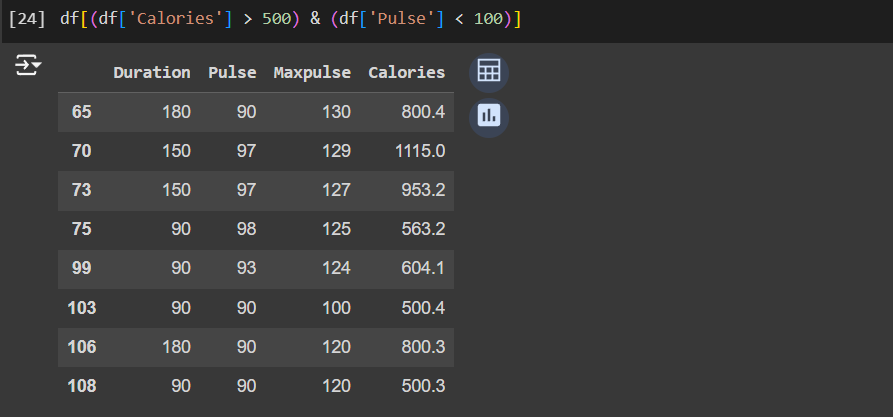
**Description:**

* Filtering the dataframe to select the rows with “Calories” values between 500 and 1000.



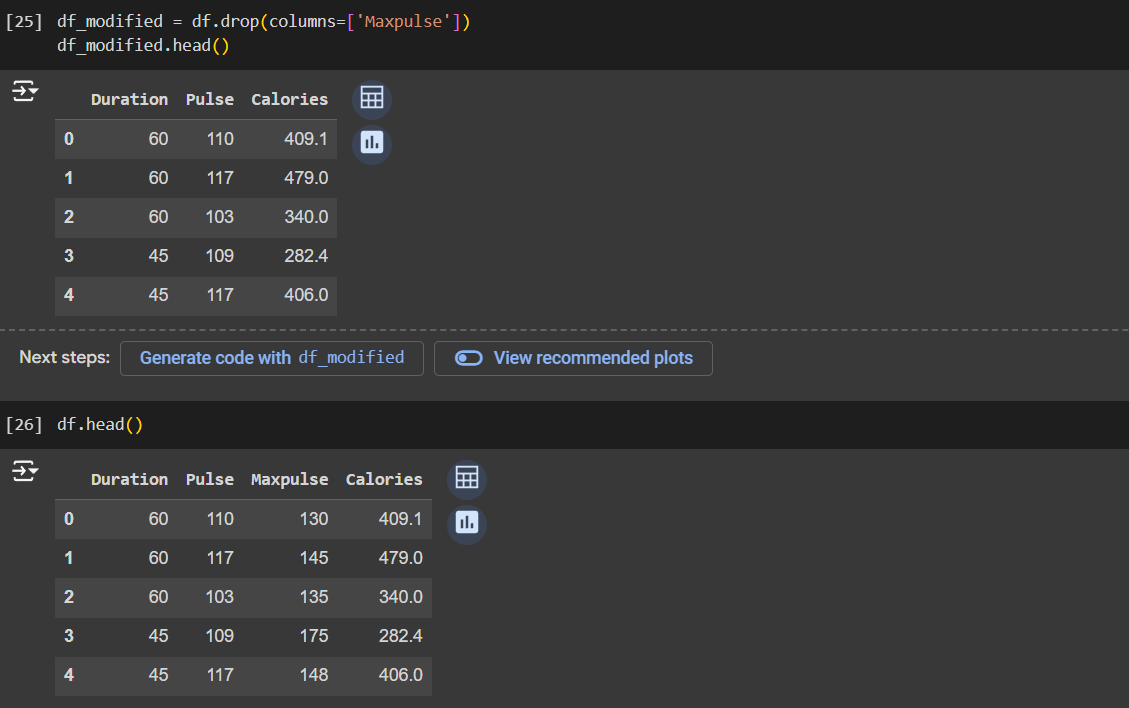
**Description:**

* Filtering the dataframe to select the rows with “Calories” values > 500 and “Pulse” < 100.



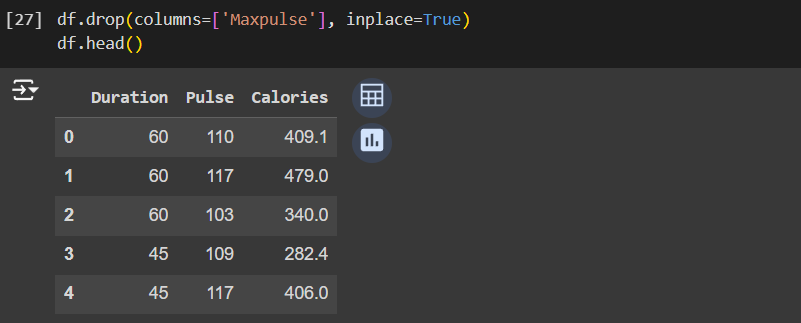
**Description:**

* Creating a new “df\_modified” dataframe that contains all the columns from df except for “Maxpulse”.



**Description:**

* Deleting the “Maxpulse” column from the main df dataframe.



**Description:**

* Converting the datatype of “Calories” column to int datatype.

