**Task 5**

Using the value\_counts() function and correlation

The value\_counts() function in Pandas is a powerful tool for counting and summarizing the unique values in a categorical column of a dataset. It is particularly useful when you want to understand the distribution of values within a categorical feature.

Output:

The value\_counts() function returns a Pandas Series where the unique values in the specified column are the index, and the corresponding values are the counts of each unique value.

The correlation function in the context of a dataset measures the statistical relationship or degree of association between pairs of numerical variables within the dataset. It helps us understand how changes in one variable are related to changes in another. Correlation is a valuable tool in data analysis and is often used to identify patterns, dependencies, and associations between variables. There are different types of correlation coefficients, with Pearson correlation coefficient being one of the most commonly used.

Code link: https://github.com/rishabhgoyal0498/Task-5

Your Task:

Your task is to apply both the functions using any dataset you want and send me the code and also a report and what you have analyzed in the correlation function