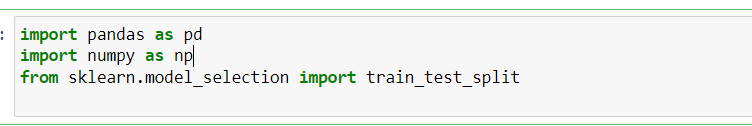
**EXPERIMENT NO: 3**

**Aim: Implement** **Data preprocessing using tools or languages like JAVA/ python/R**

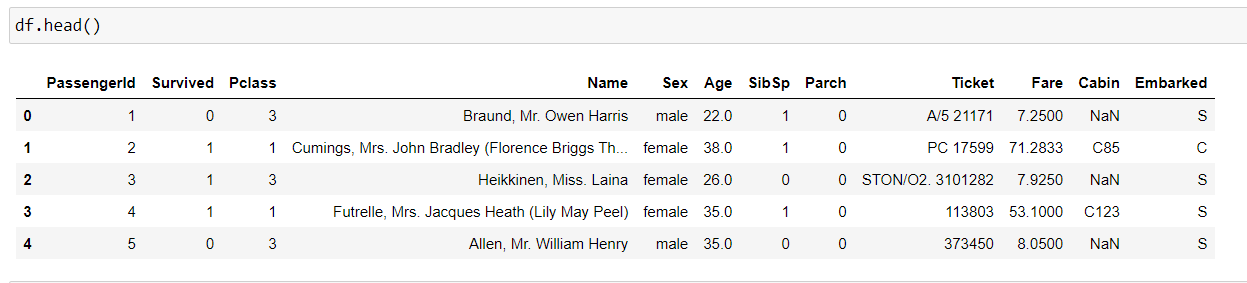
**Import Libraries:**



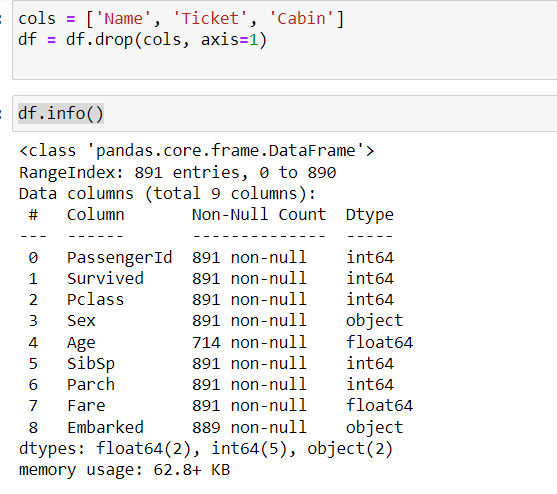
**Load the titanic dataset:**



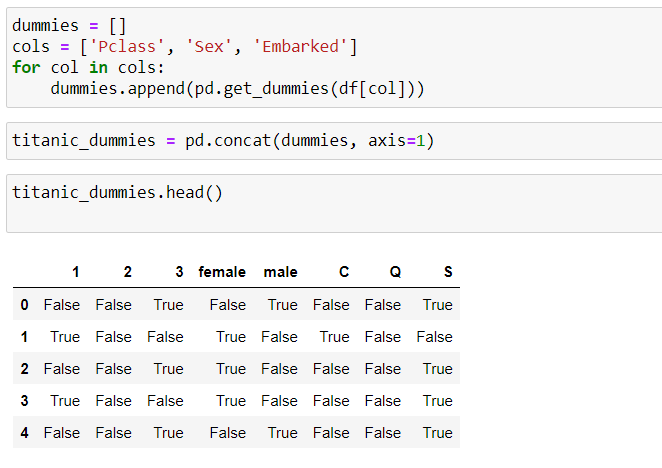
**Display the fist few rows of the dataset:**



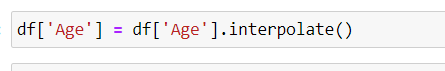
**Dropping Columns which are not usefull:**

****

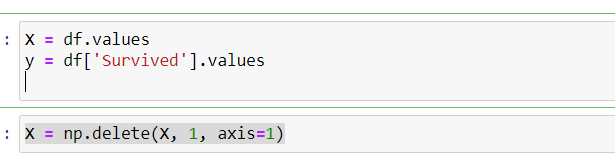
**Creating Dummy Variables:**

****

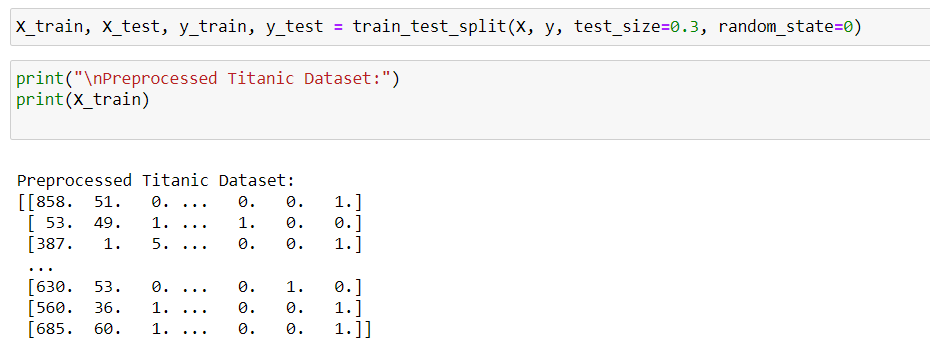
**Taking Care of Missing Data:**

****

**Converting the dataframe to numpy:**

****

**Dividing data set into training set and test set:**

****

**Conclusion:**

Hence, we have successfully studied to implement Data preprocessing using tools or languages like JAVA/ python/R.