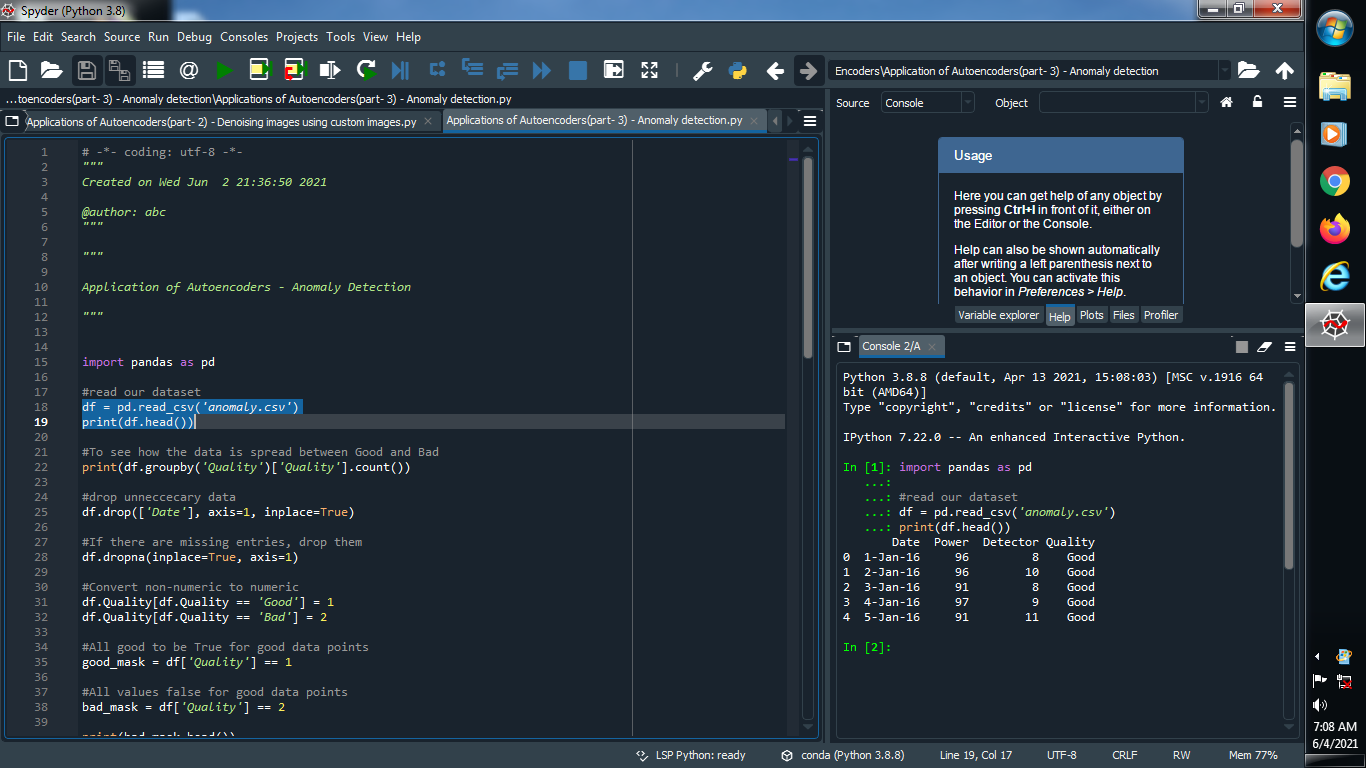
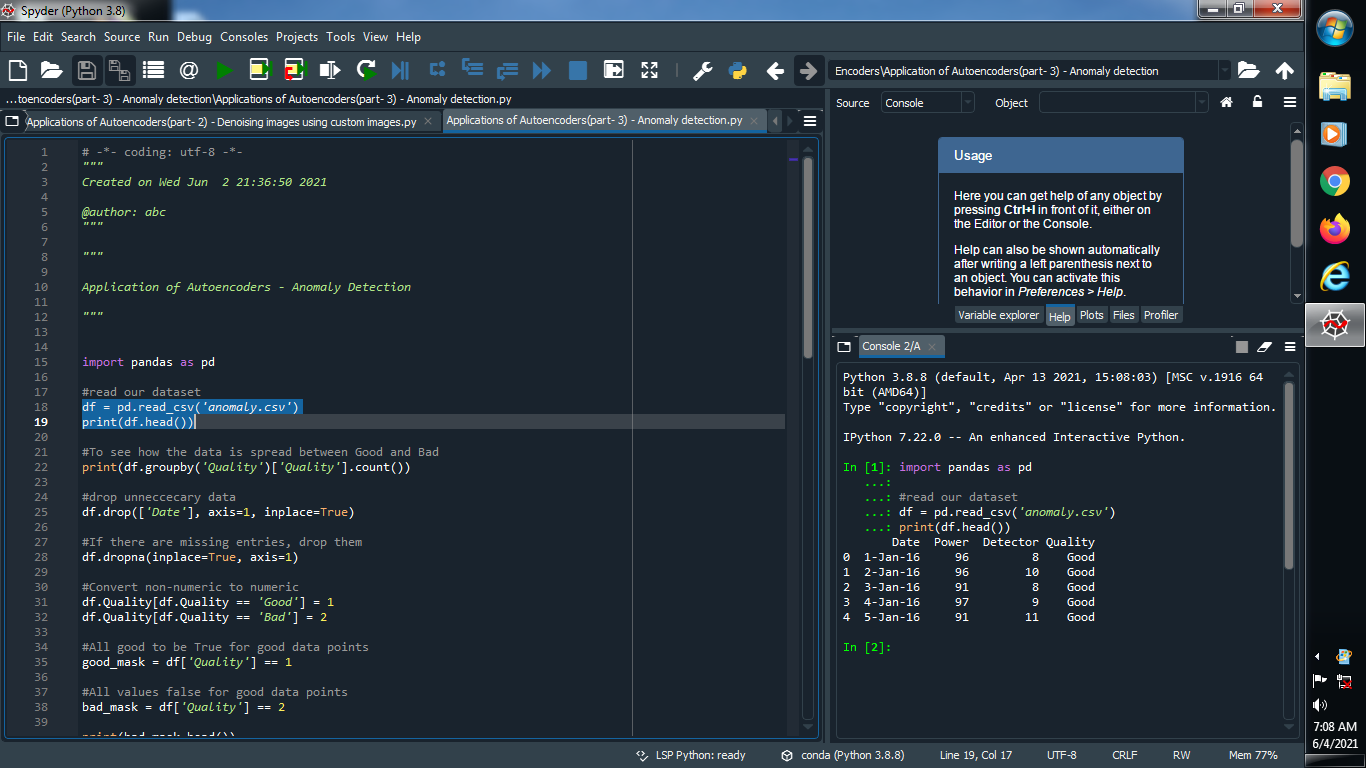
**→ Anomaly Detection :**

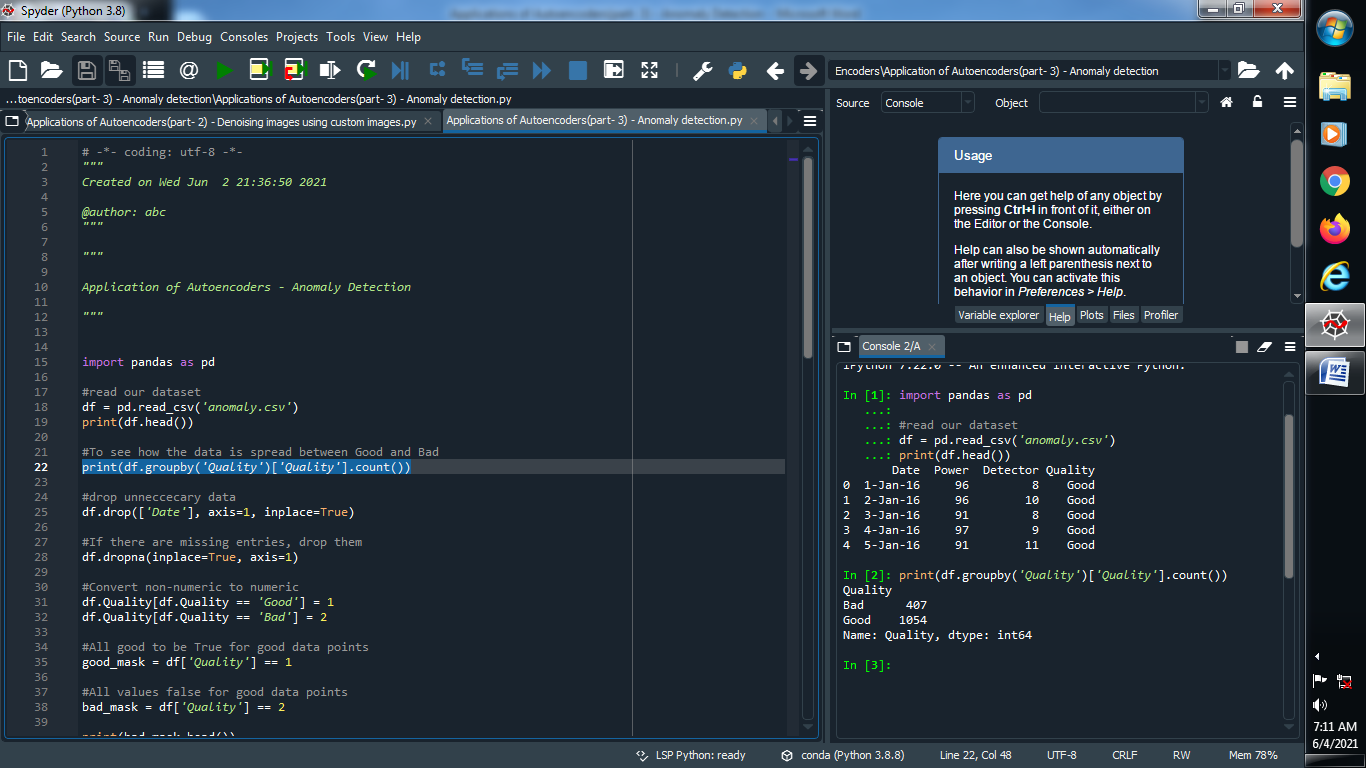
**(1) Read our dataset :**

****

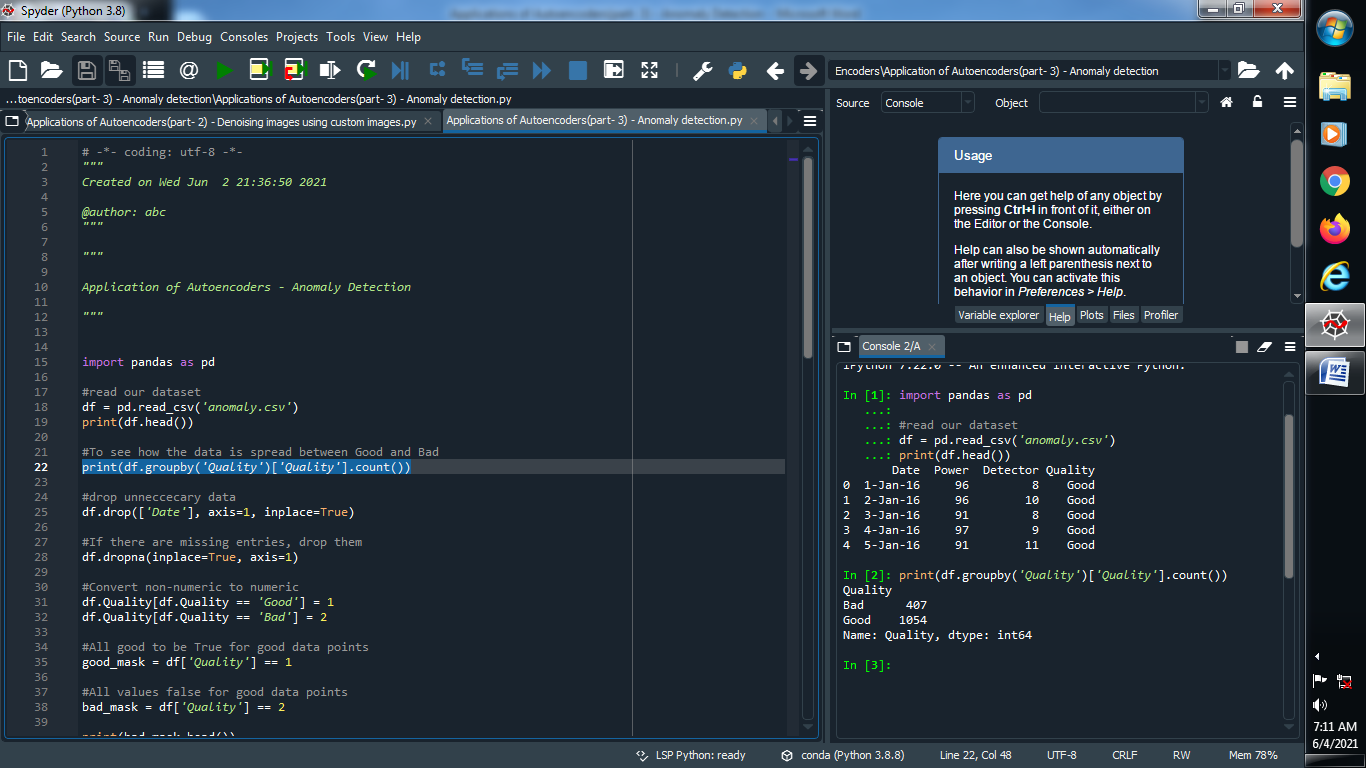
**Output :**

****

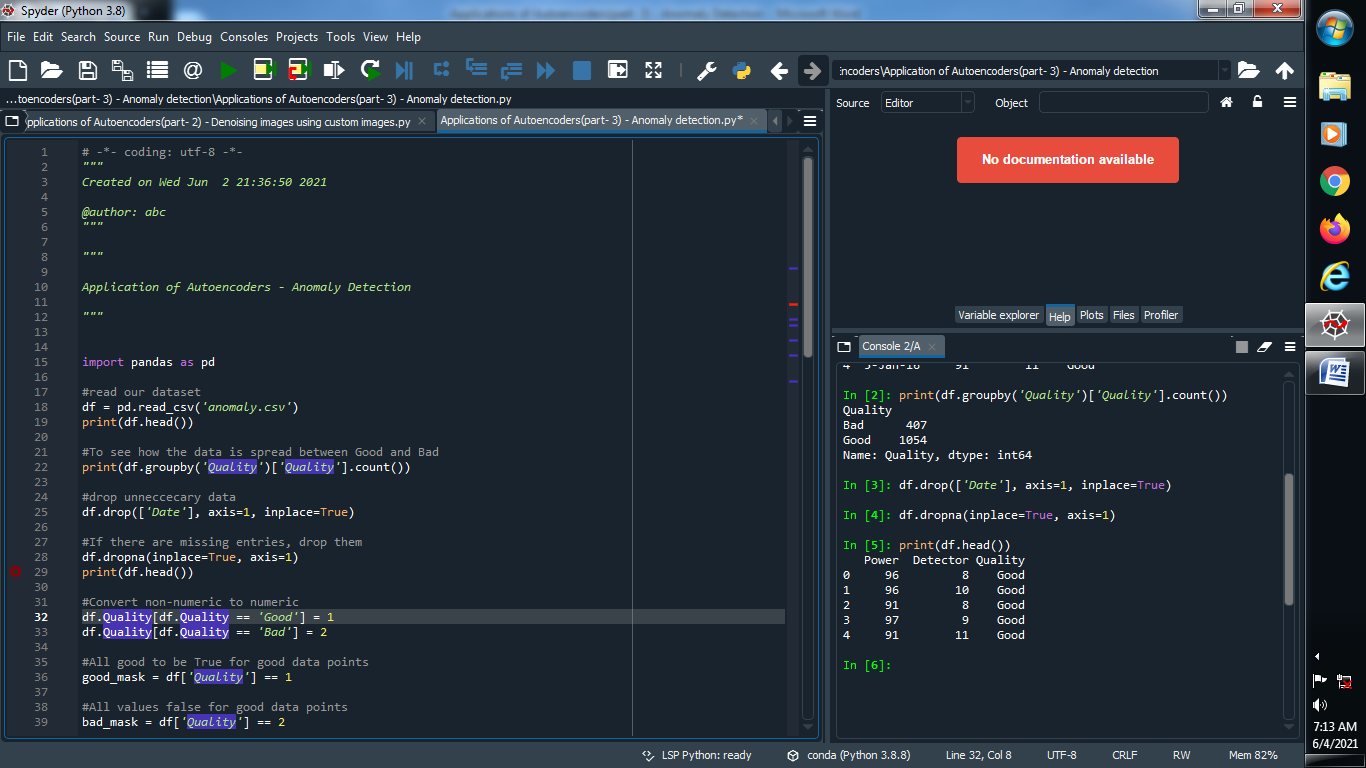
**(2) To see how the data is spread between Good and Bad :**

****

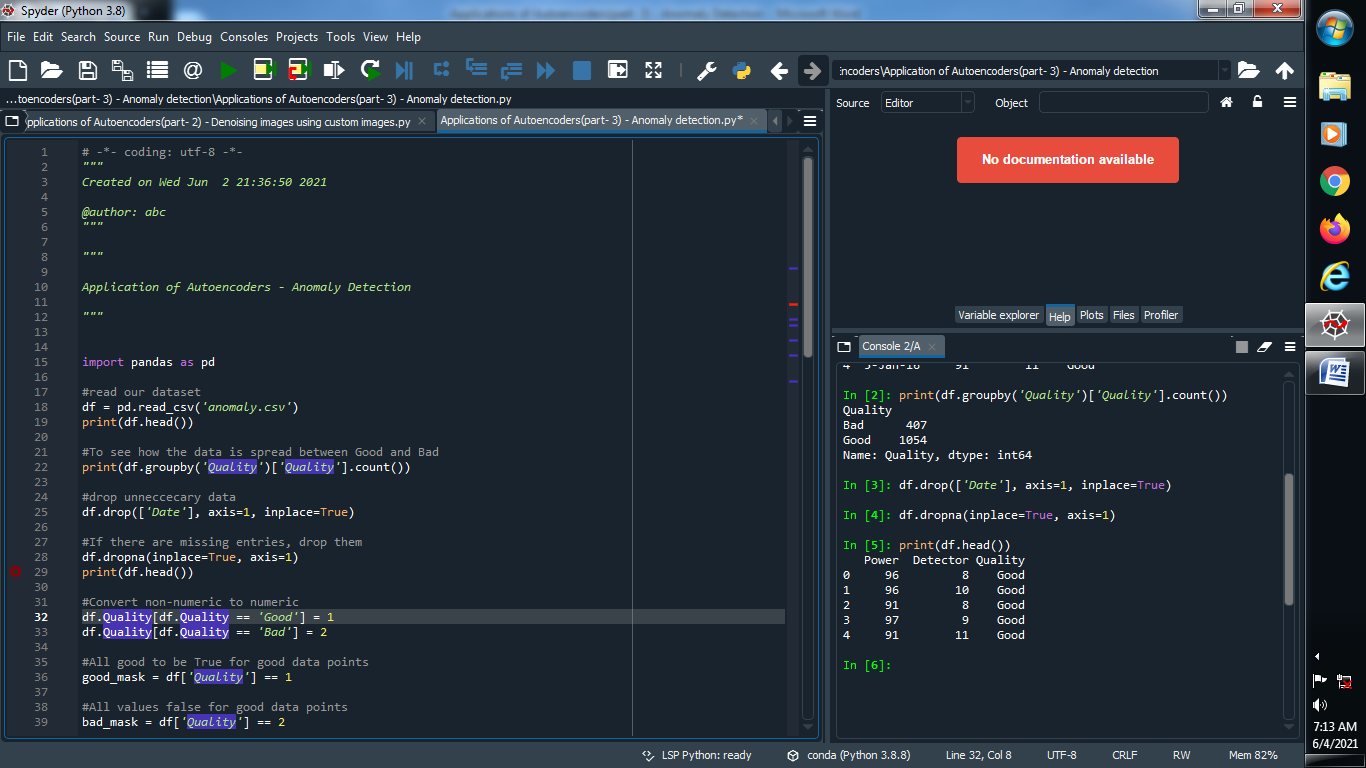
**Output :**

****

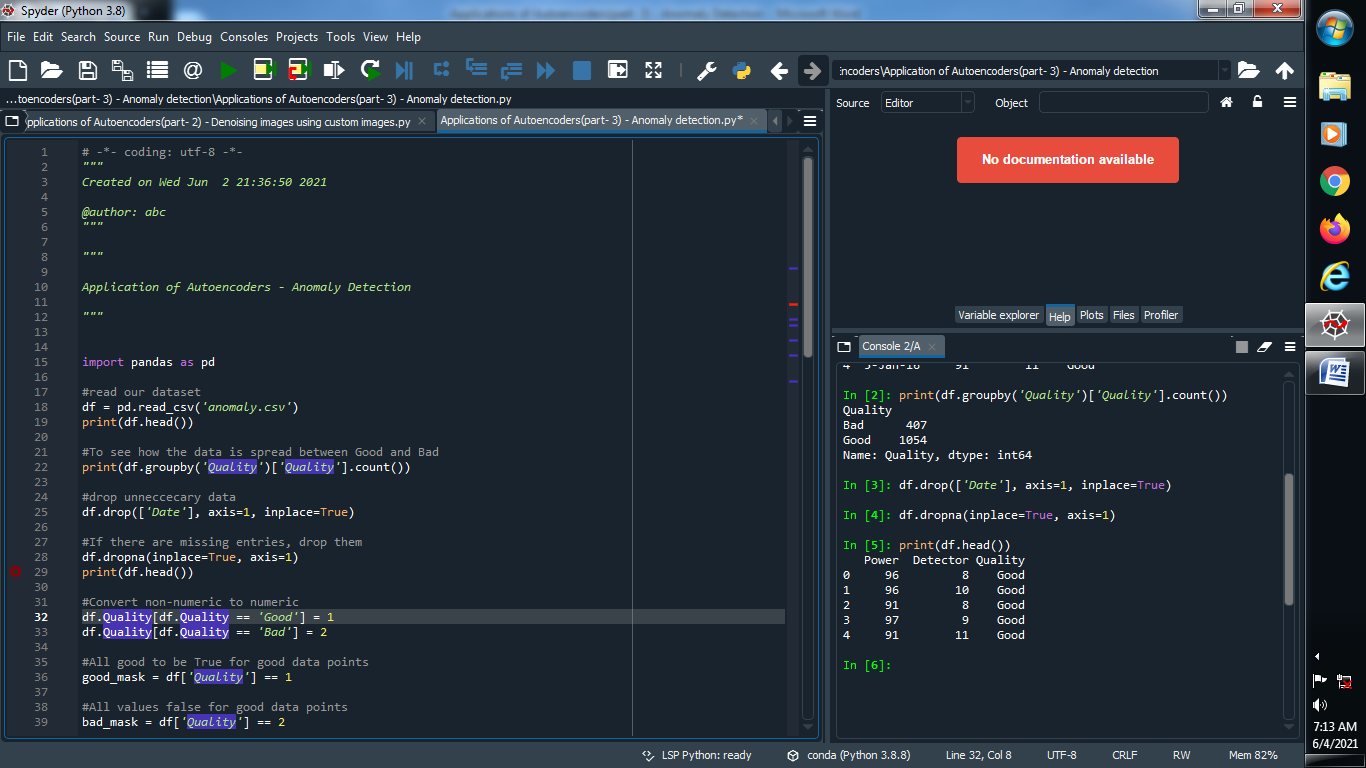
**(3) Drop unnecessary data and fill missing value :**

****

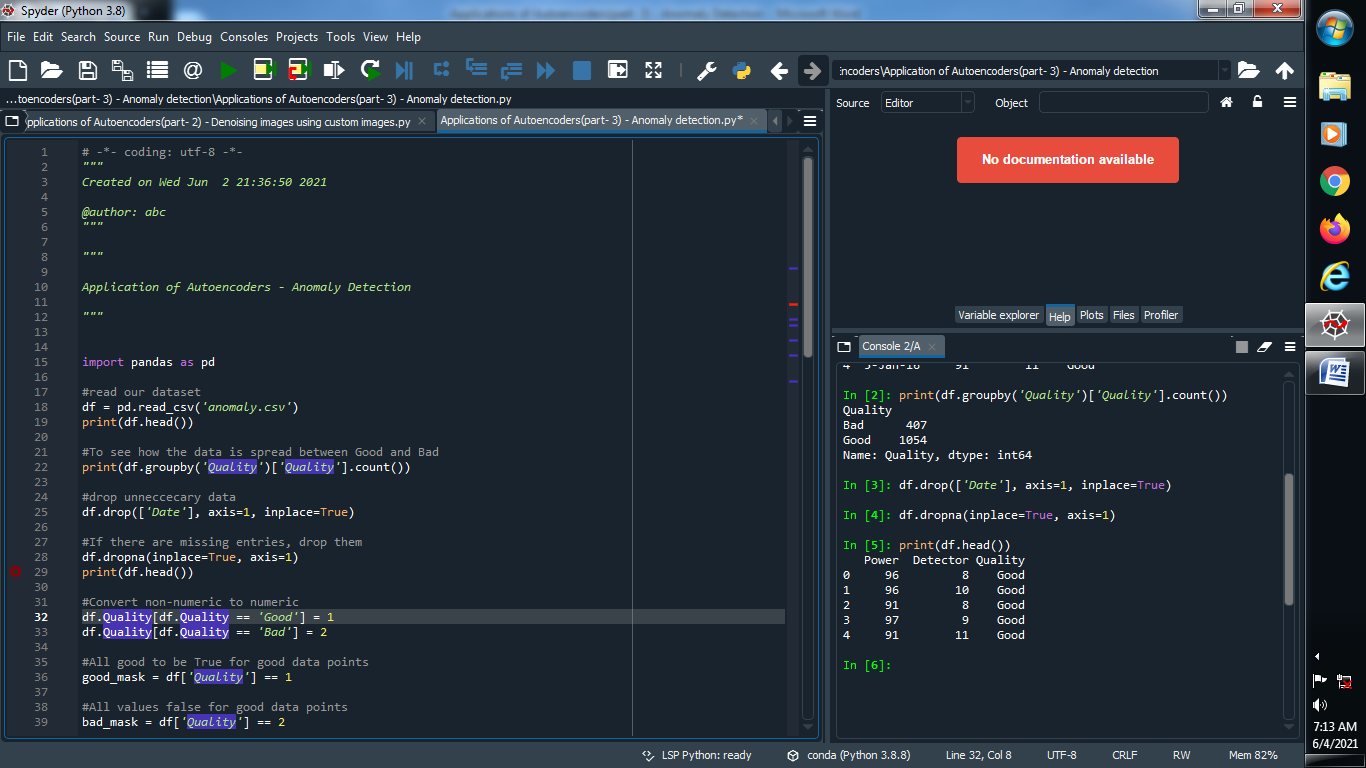
**Output :**

****

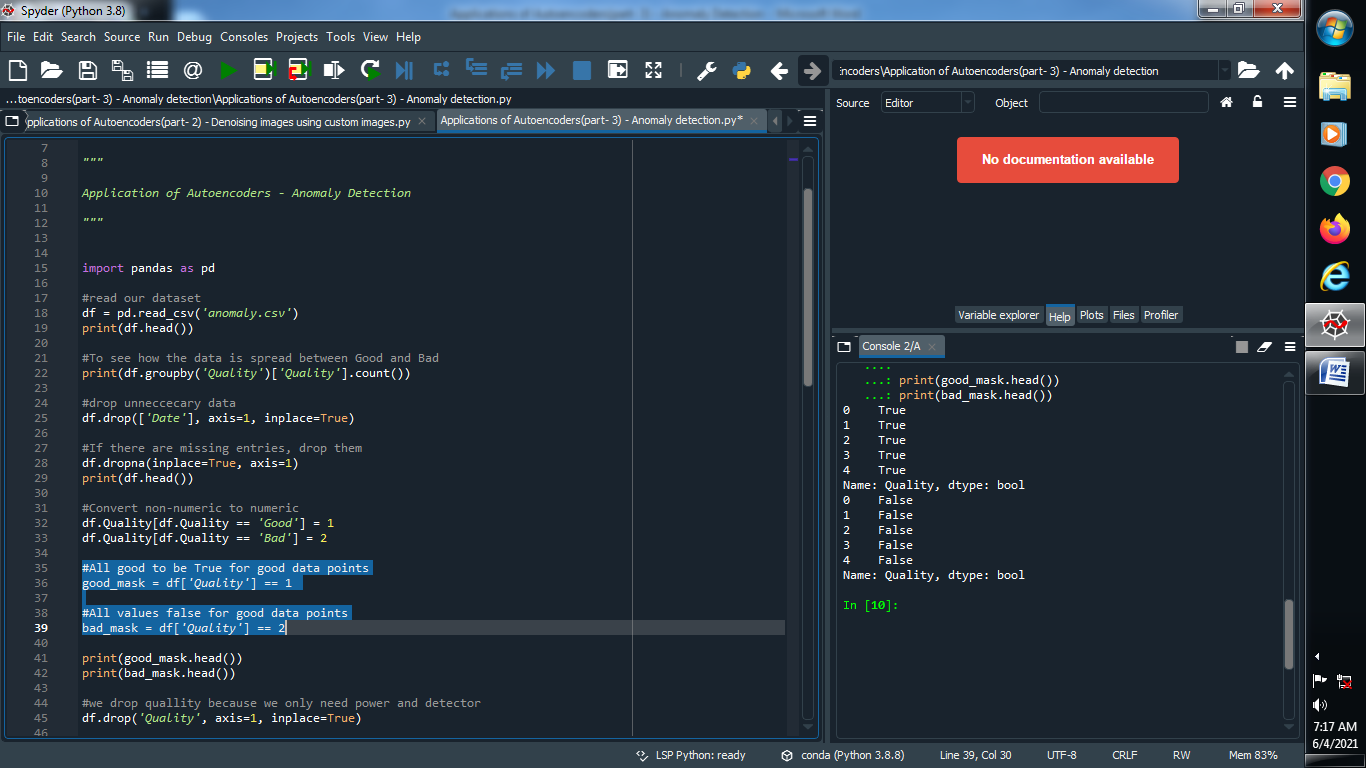
**(4) Convert Non-numeric value into numeric value :**

****

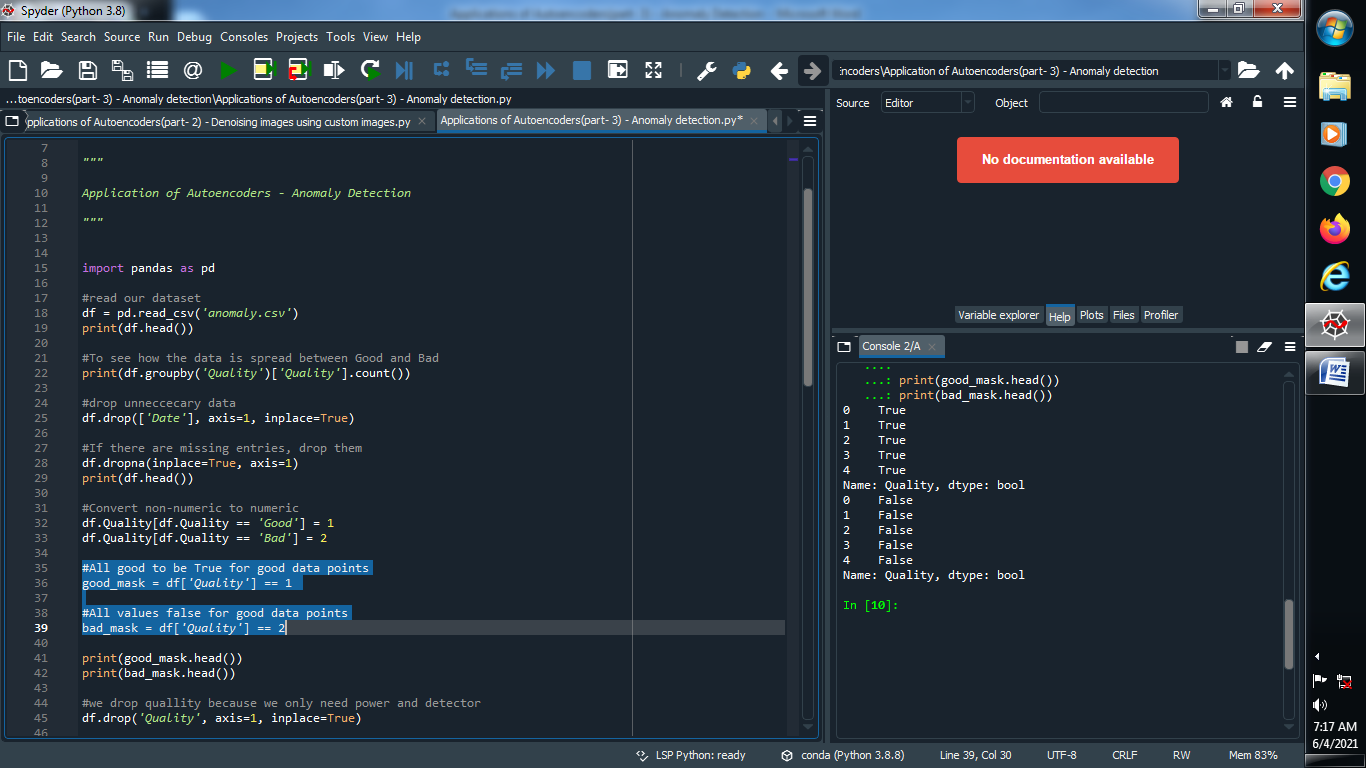
**Output :**

****

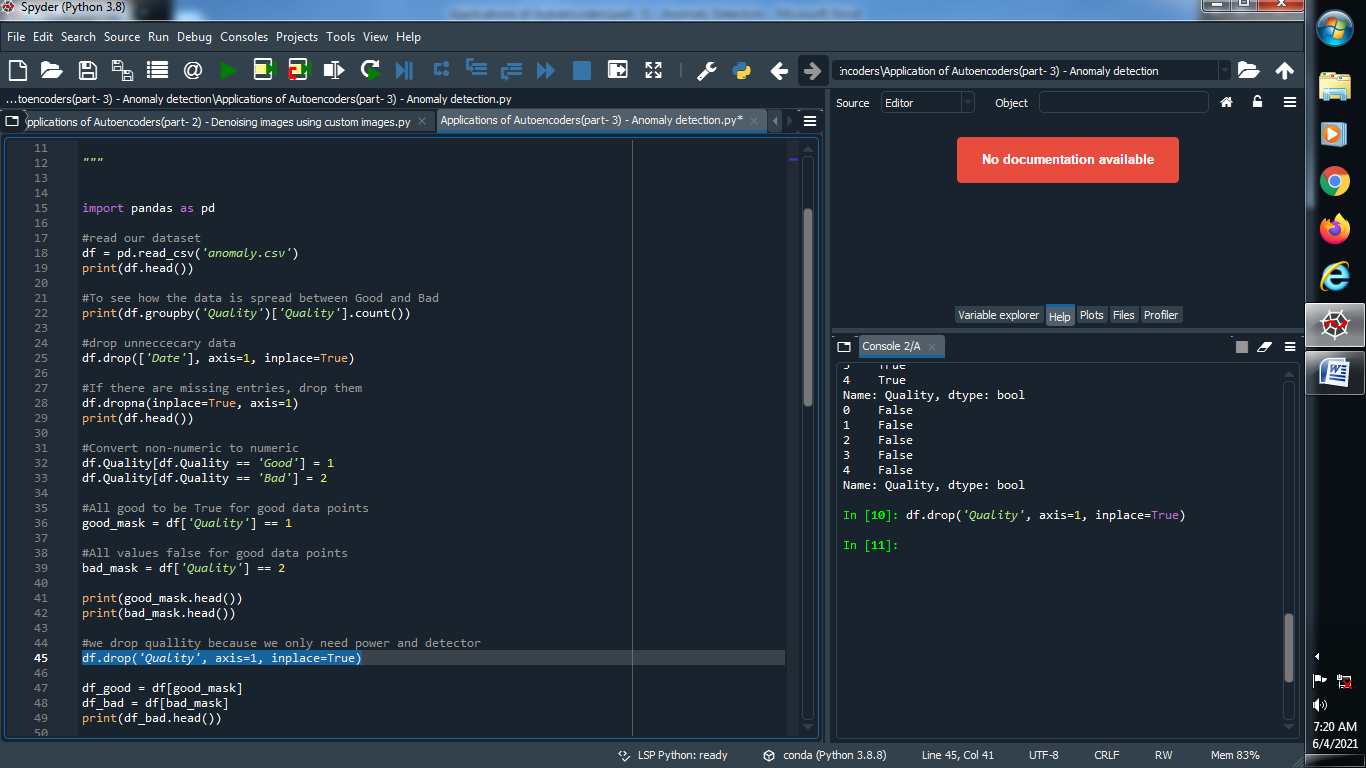
**(5) Define good value for true and bad value for false :**

****

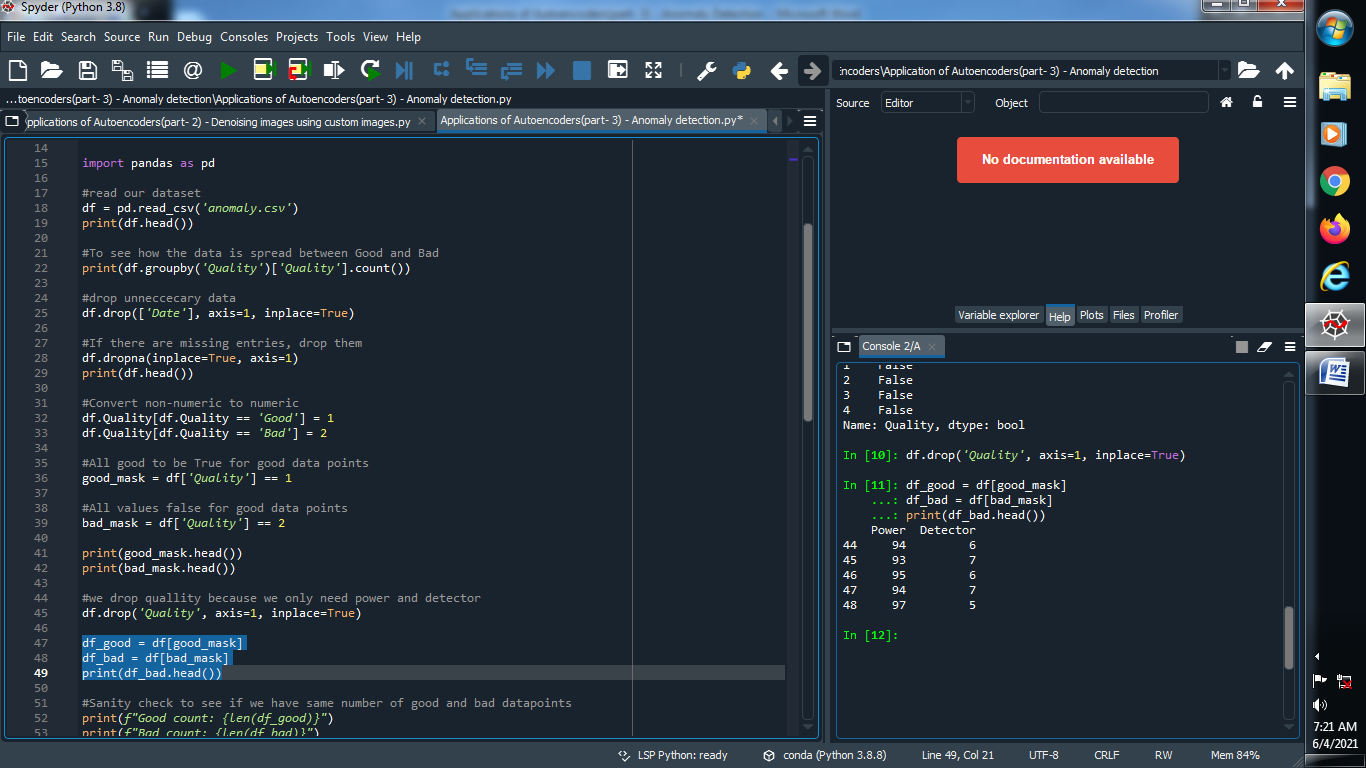
**Output :**

****

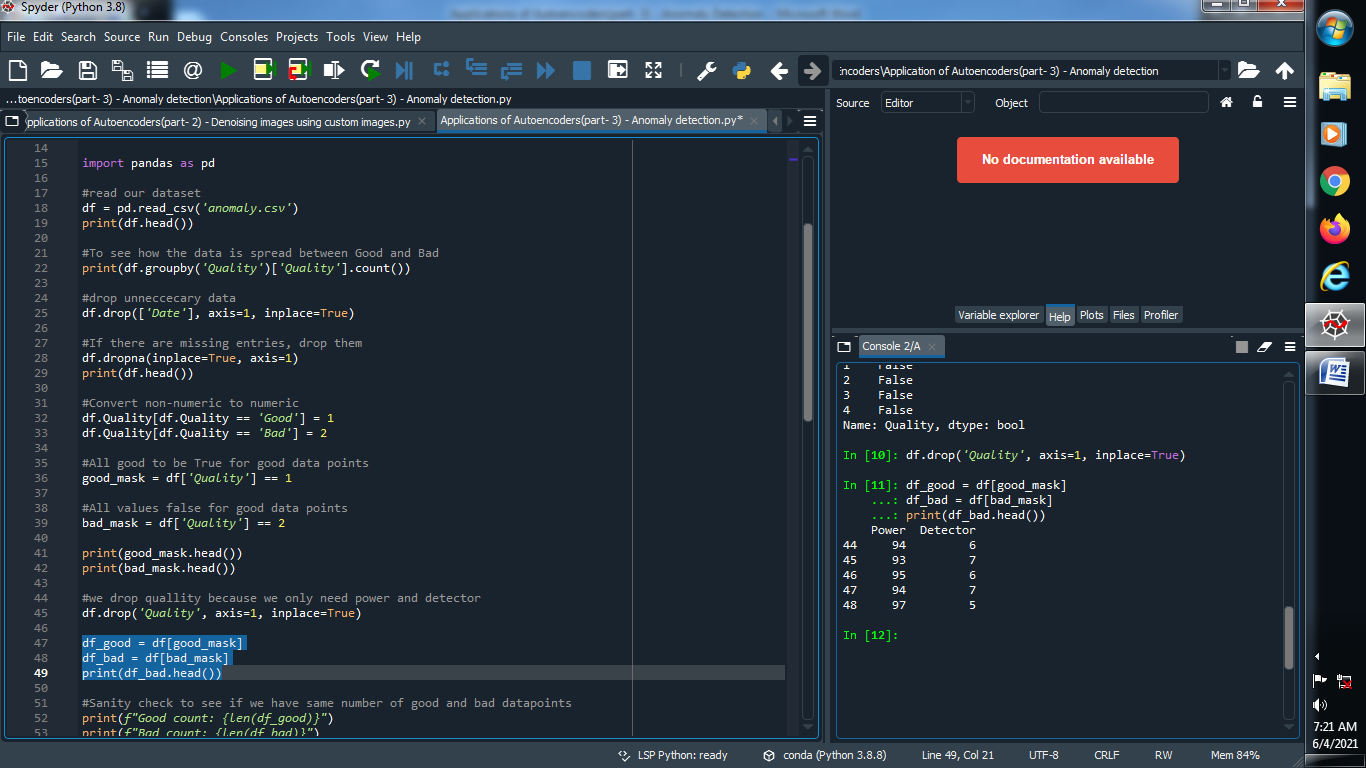
**(6) we drop quality because we only need power and detector :**

****

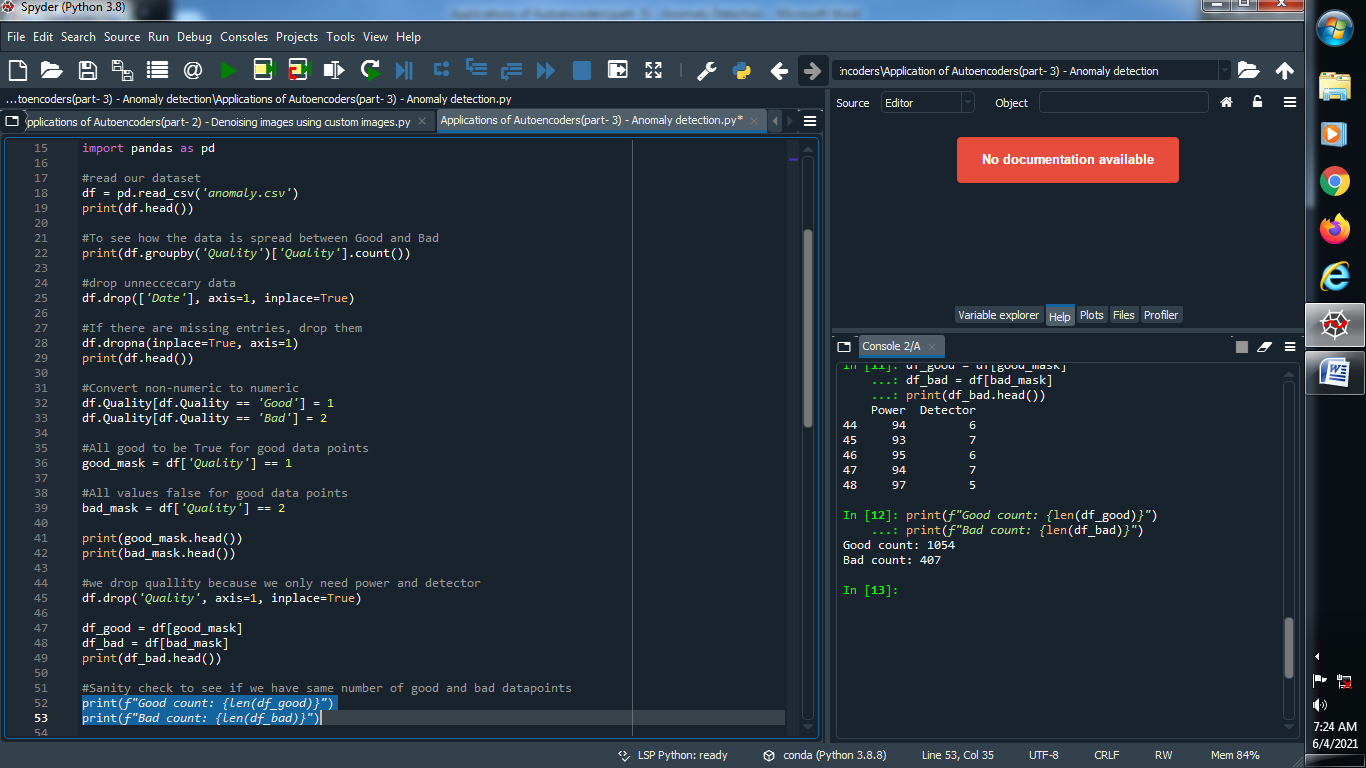
**(7) Define value of good and bad :**

****

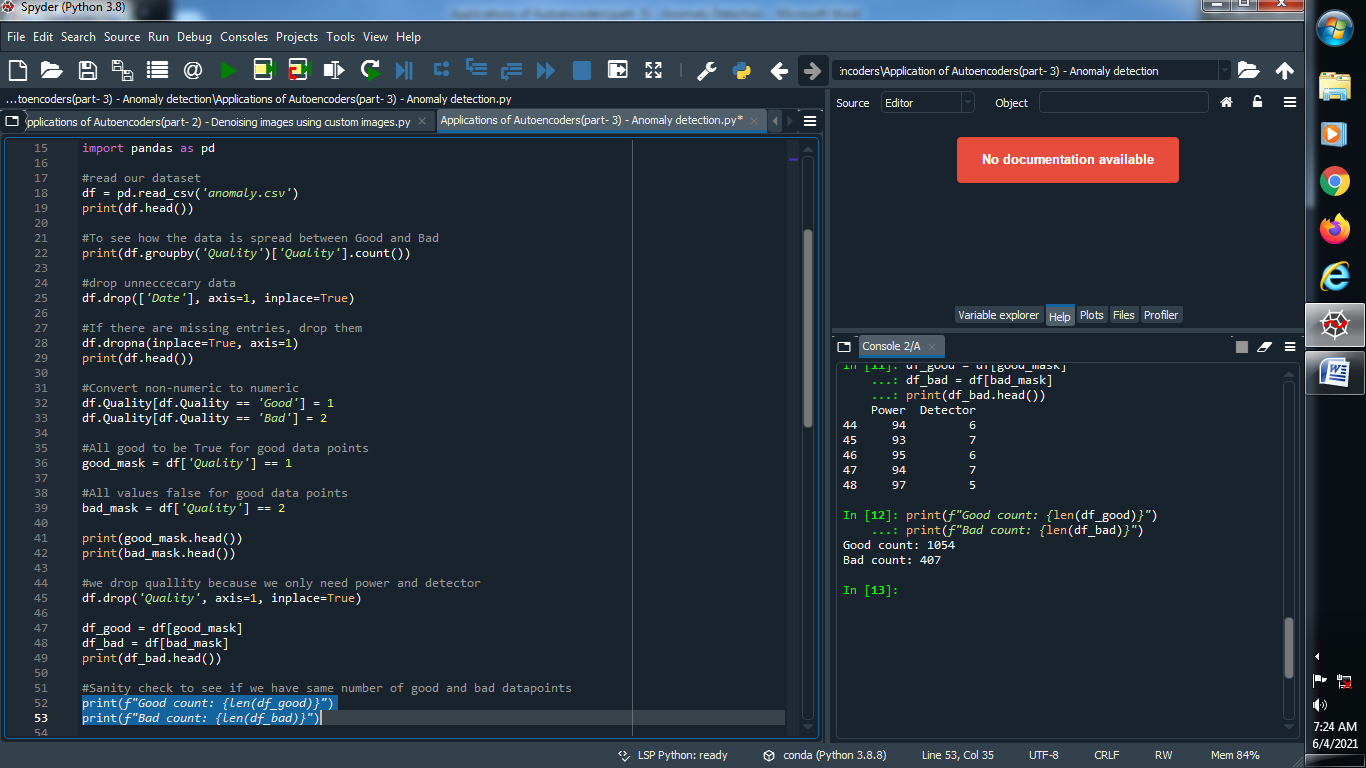
**Output :**

****

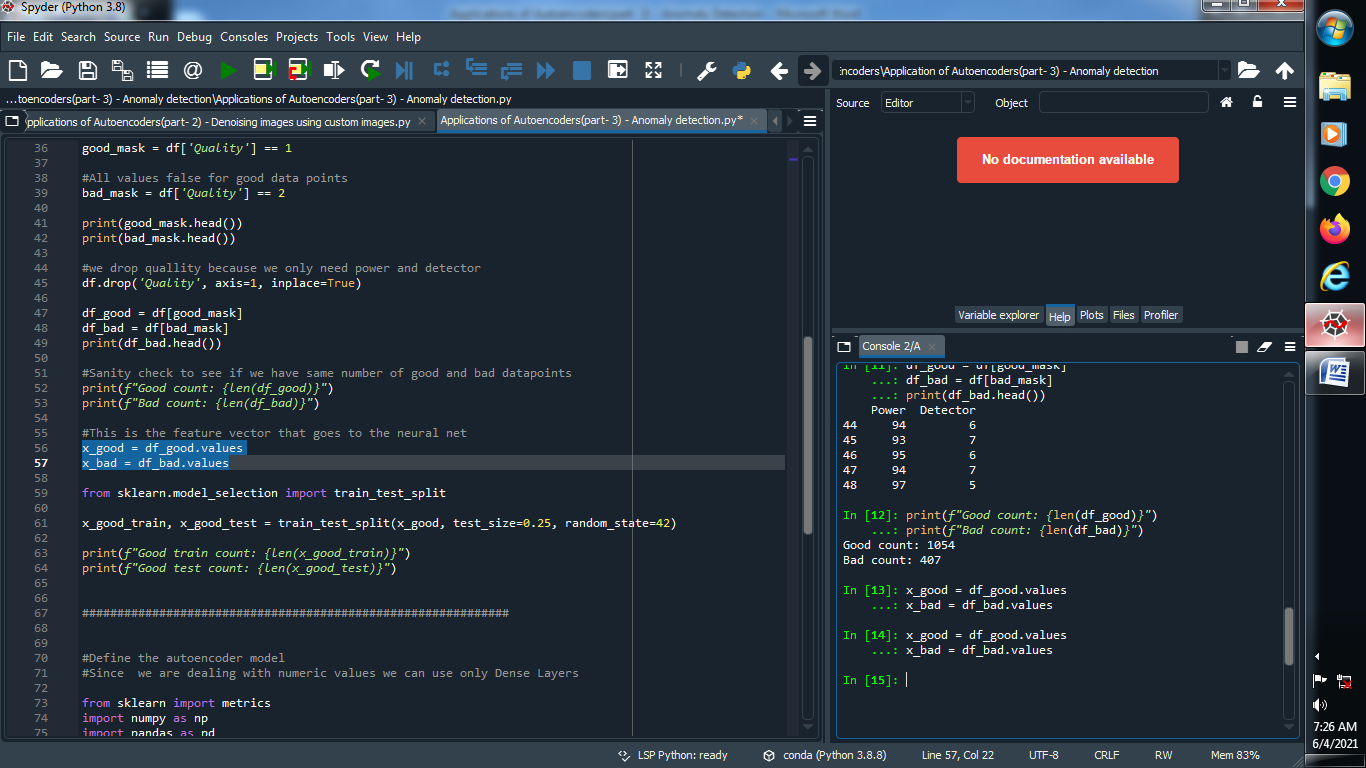
**(8) Sanity check to see if we have same number of good and bad data points :**

****

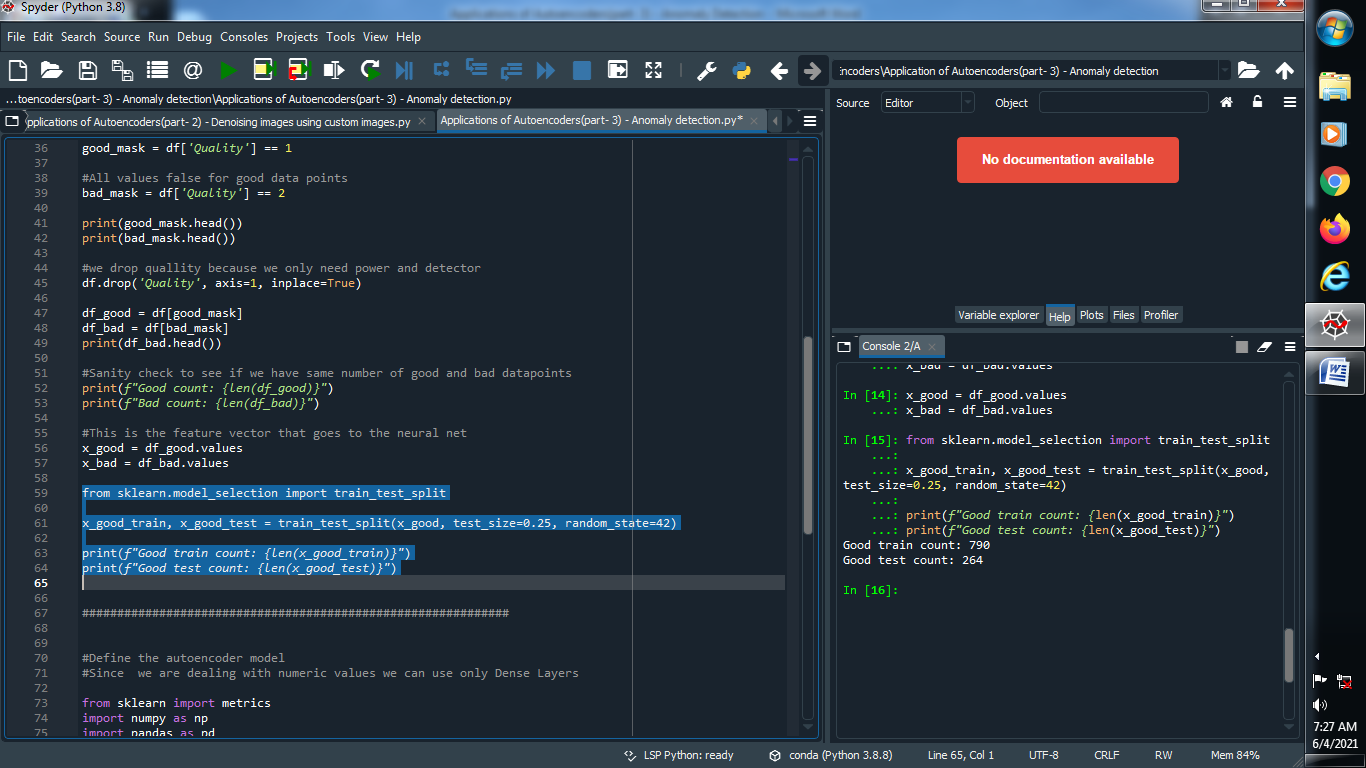
**Output :**

****

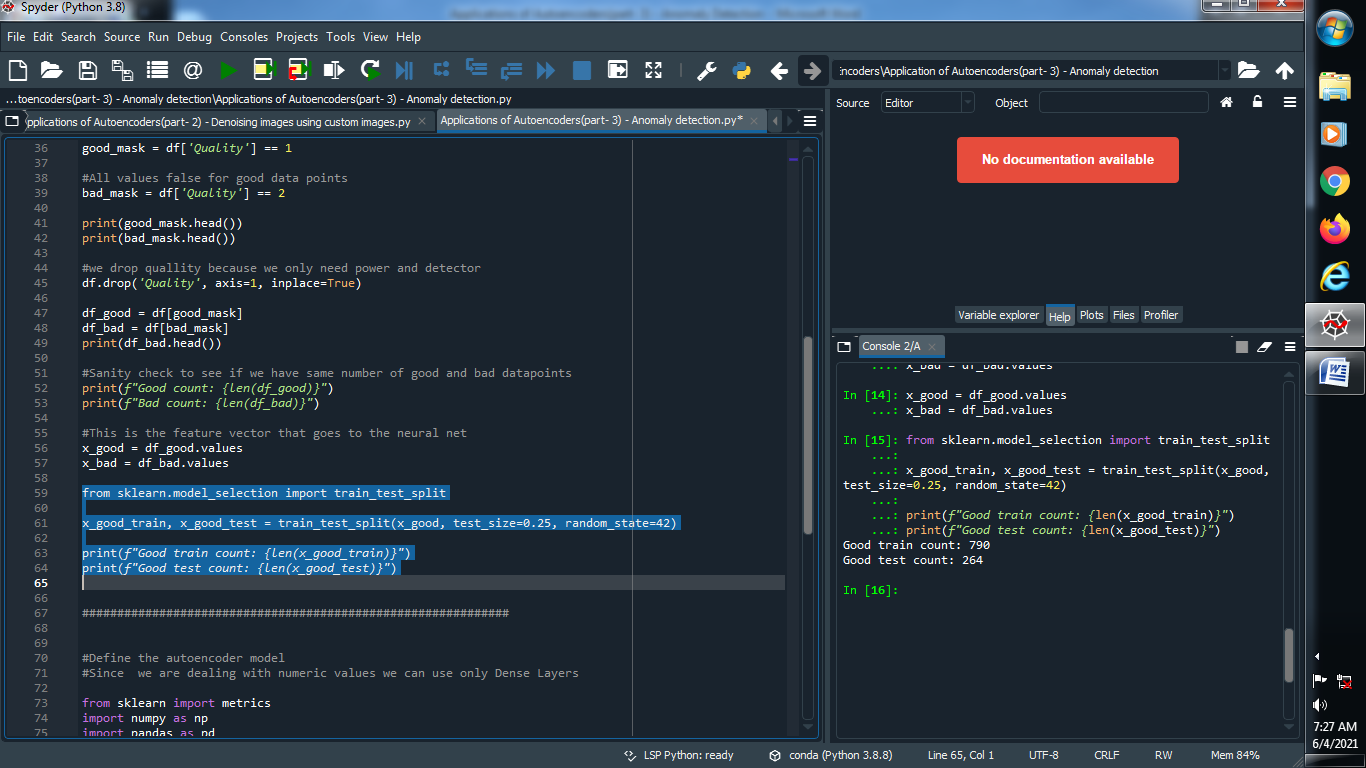
**(9) This is the feature vector that goes to the neural net :**

****

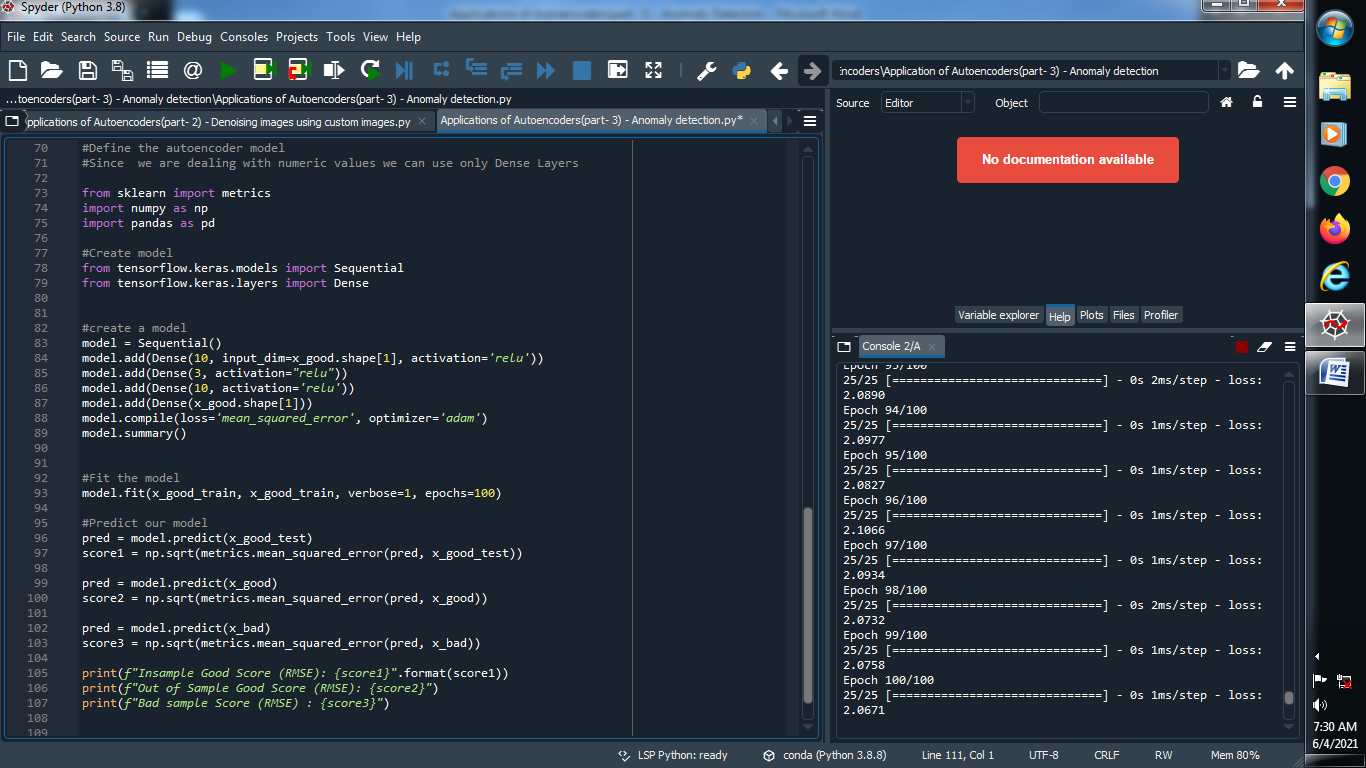
**(10) Find only good values of training and testing :**

****

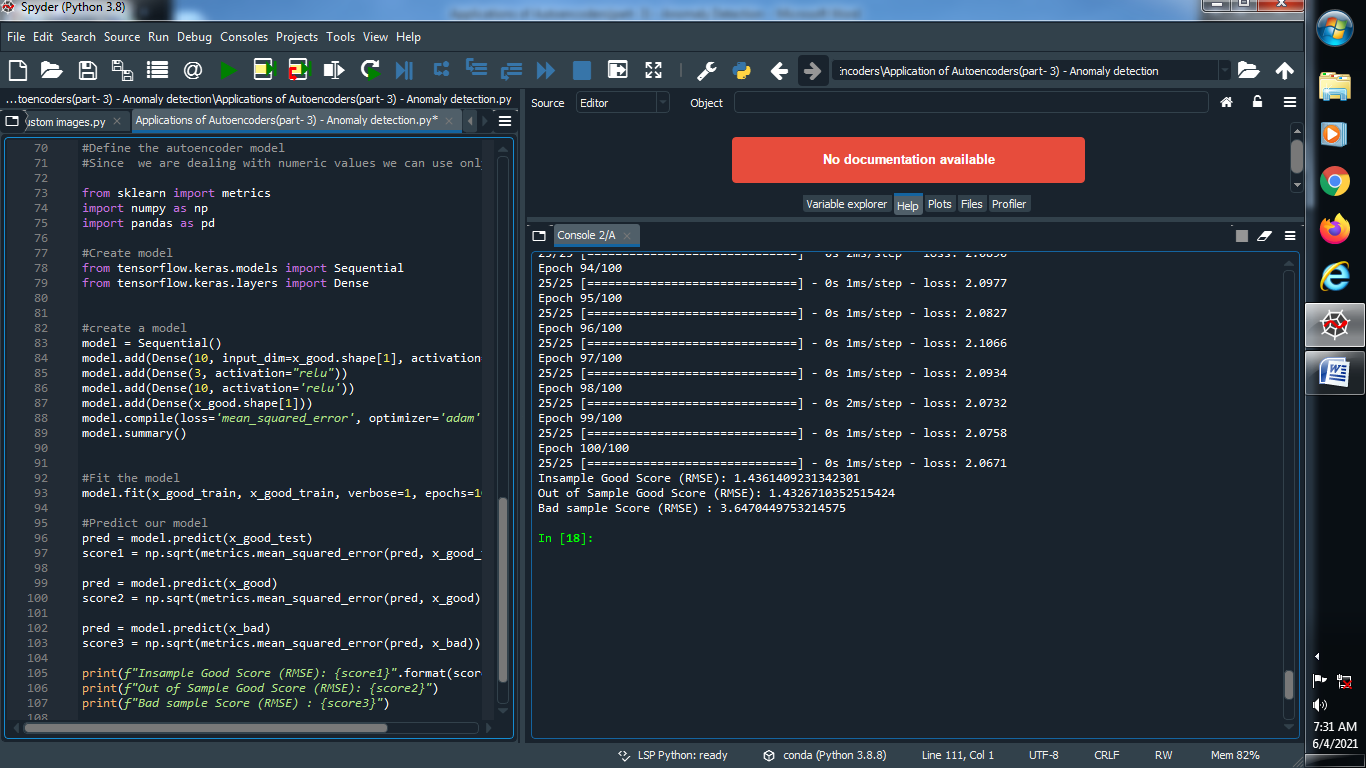
**Output :**

****

**(11) Define auto encoder model :**

****

**Output :**

****