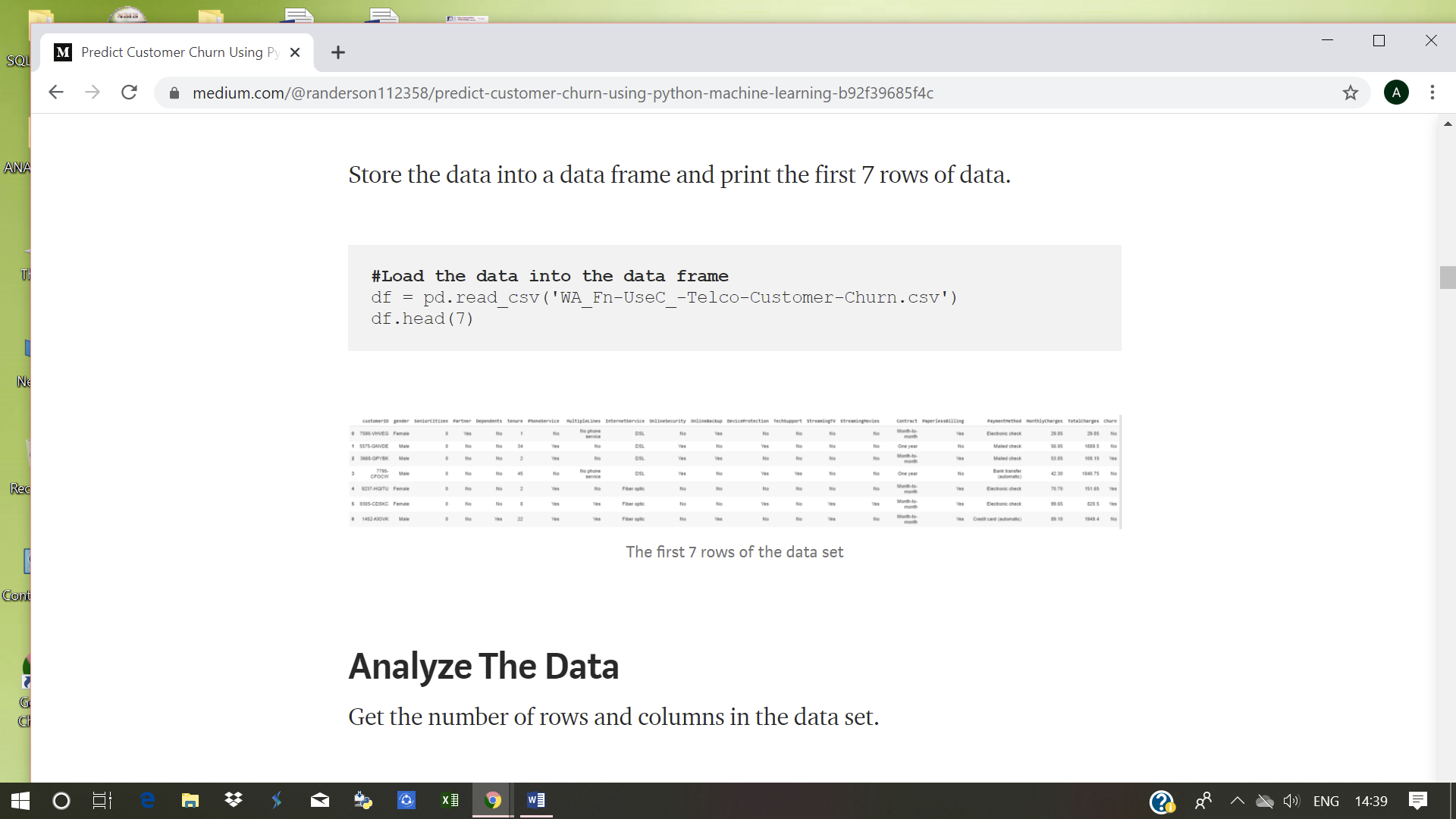
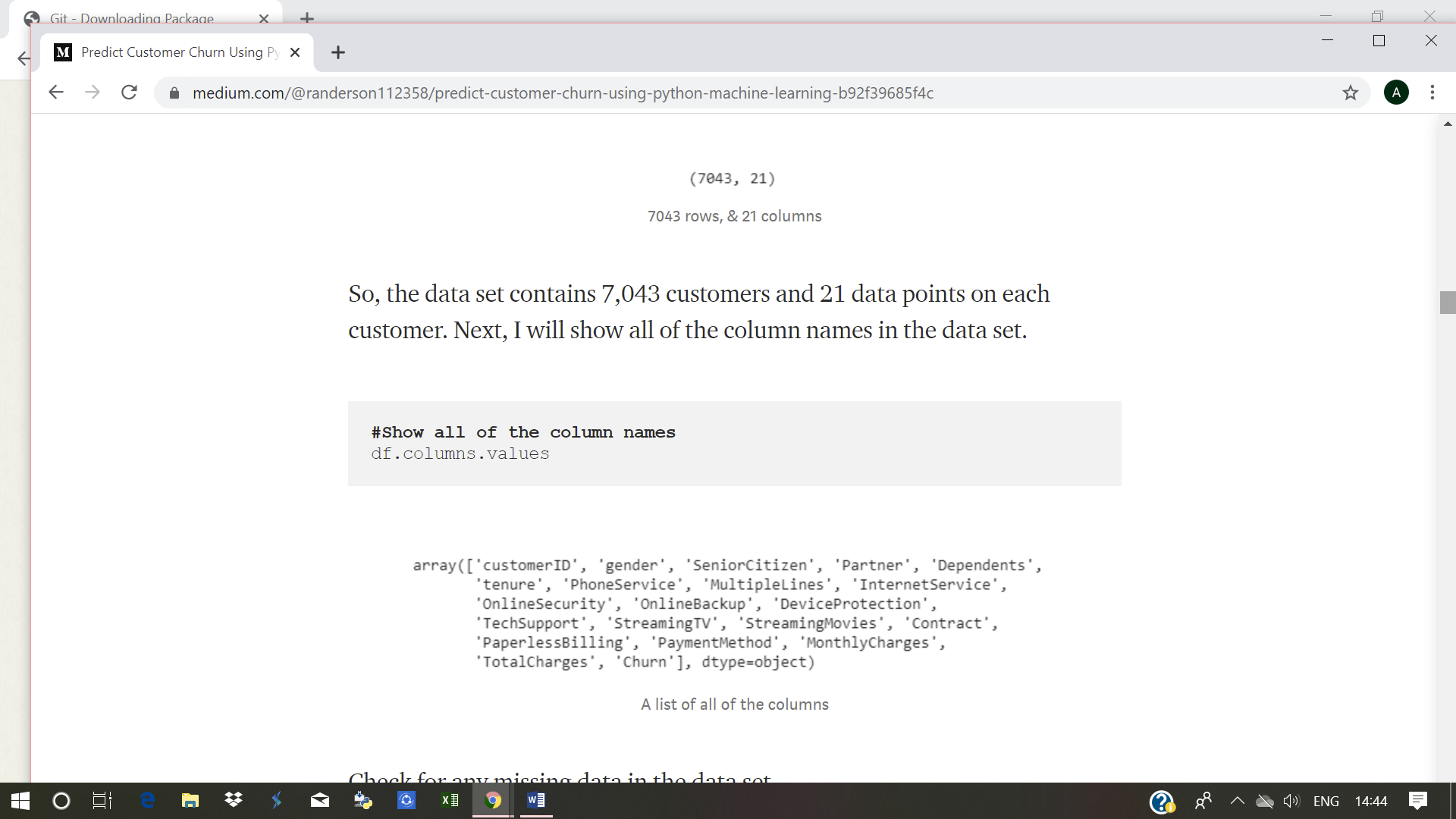
OUTPUTS:

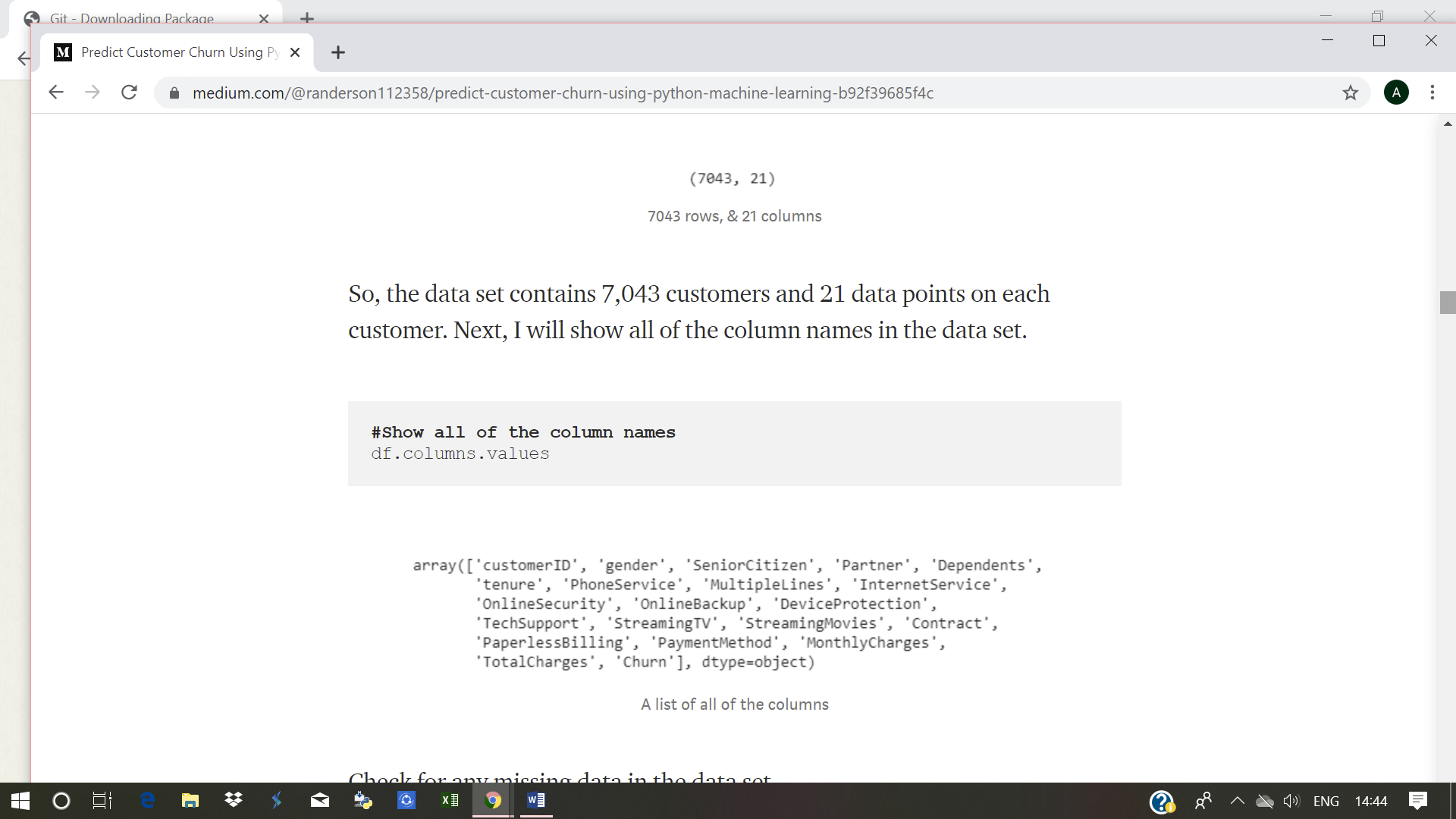
**#Load the data into the data frame**



#Analyze the data



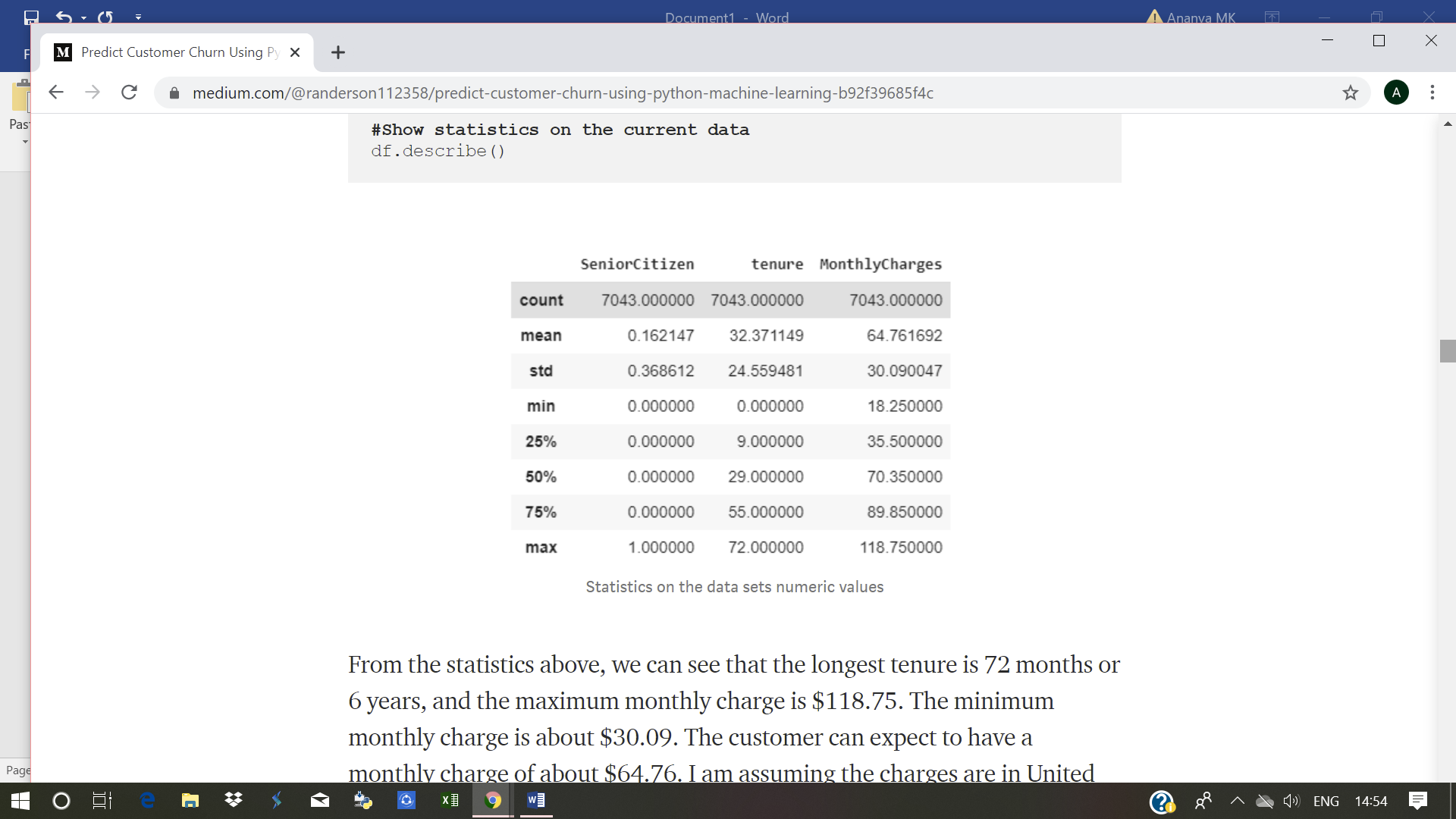
**#Show all of the column names**



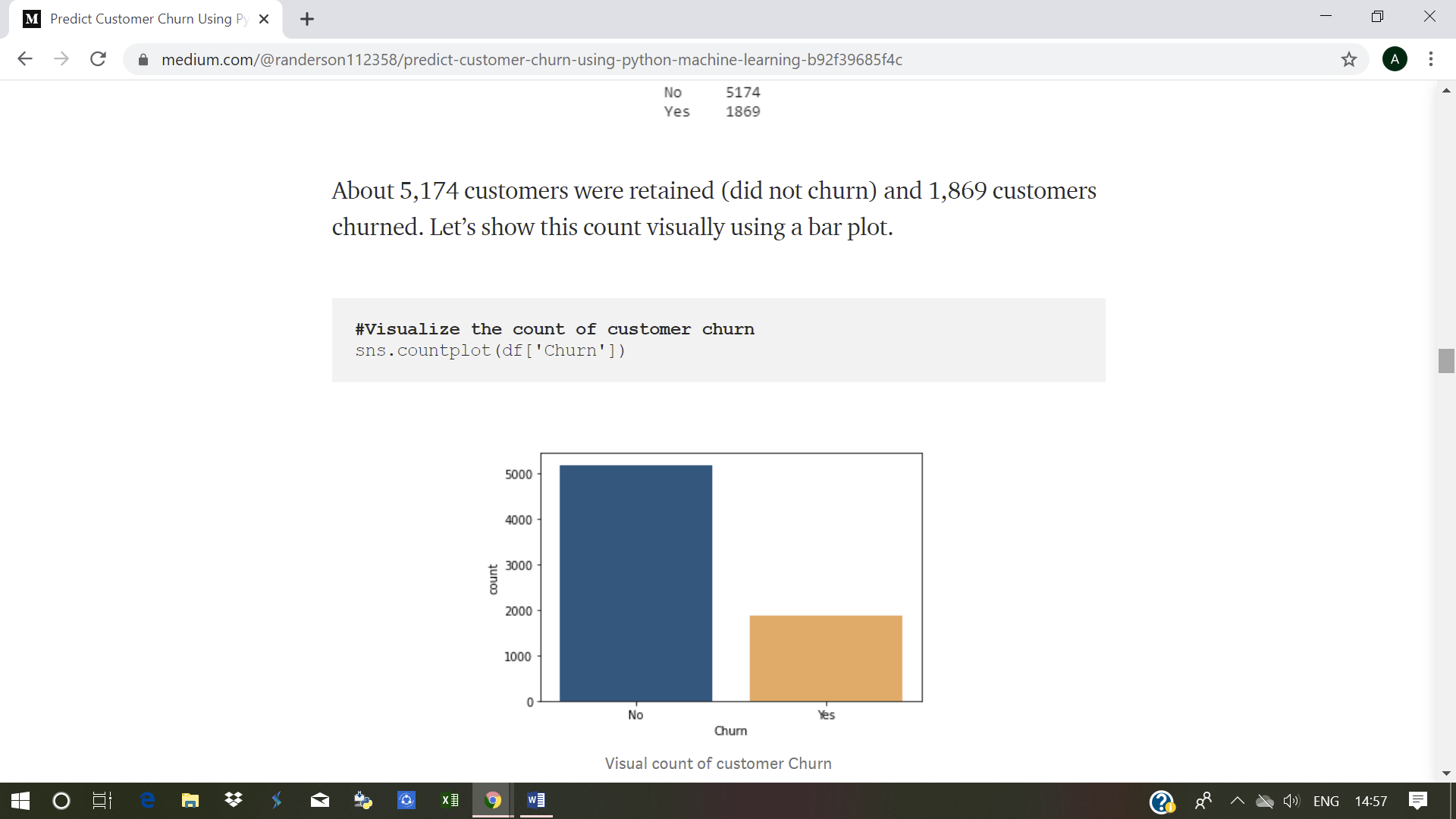
**#Check for na or missing data**



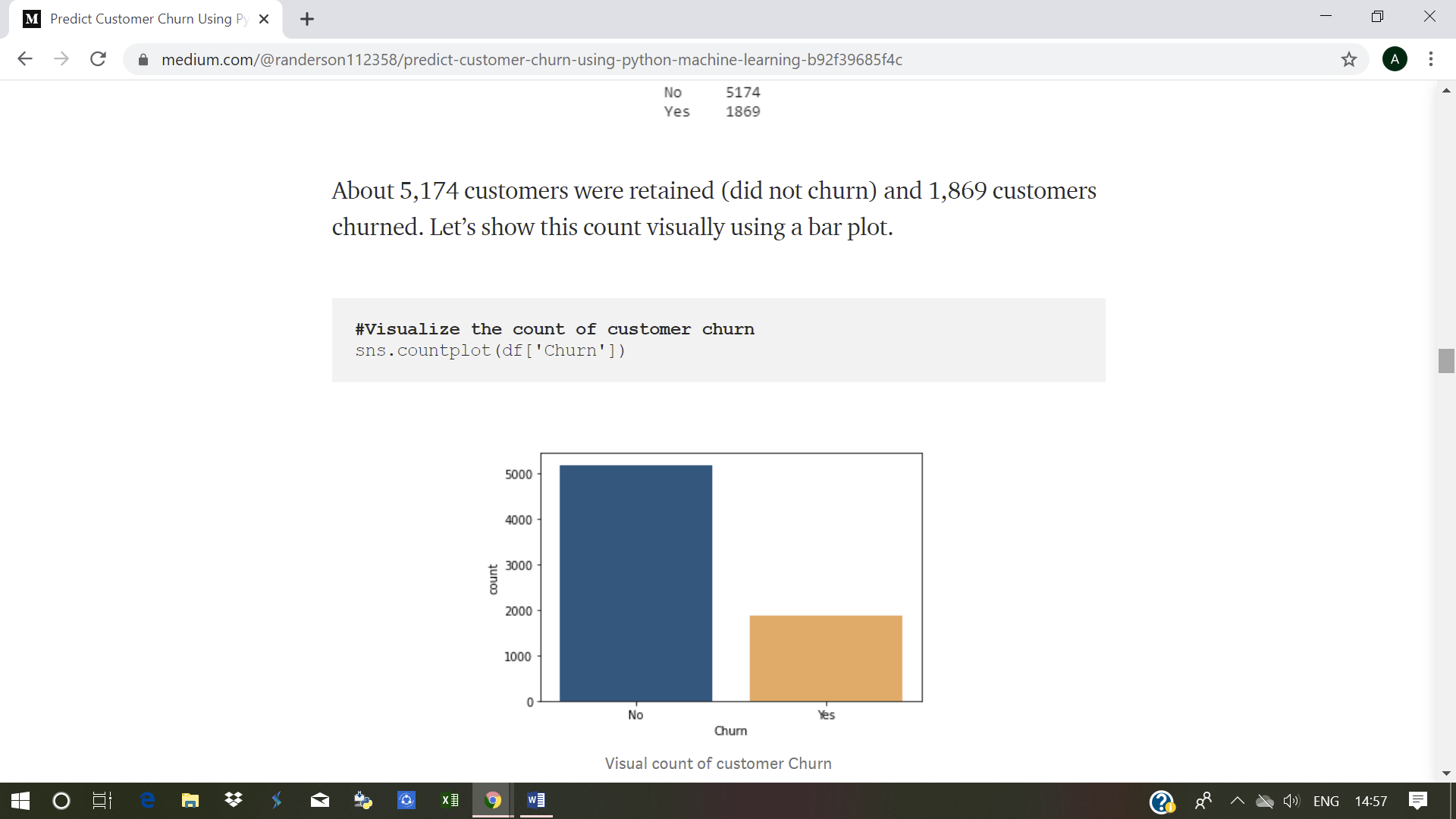
**#Show statistics on the current data**



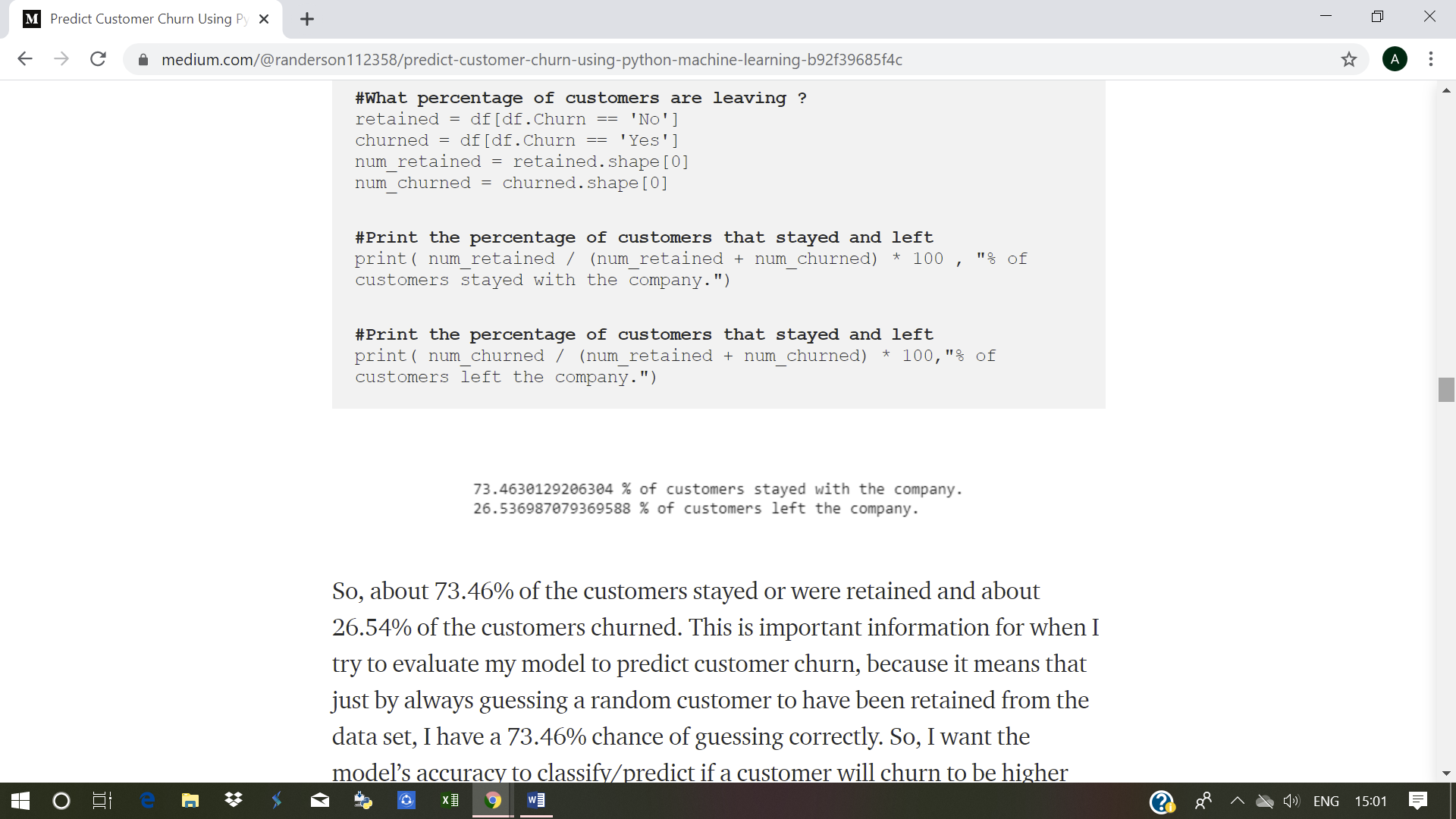
**#Get the number of customers that churned**



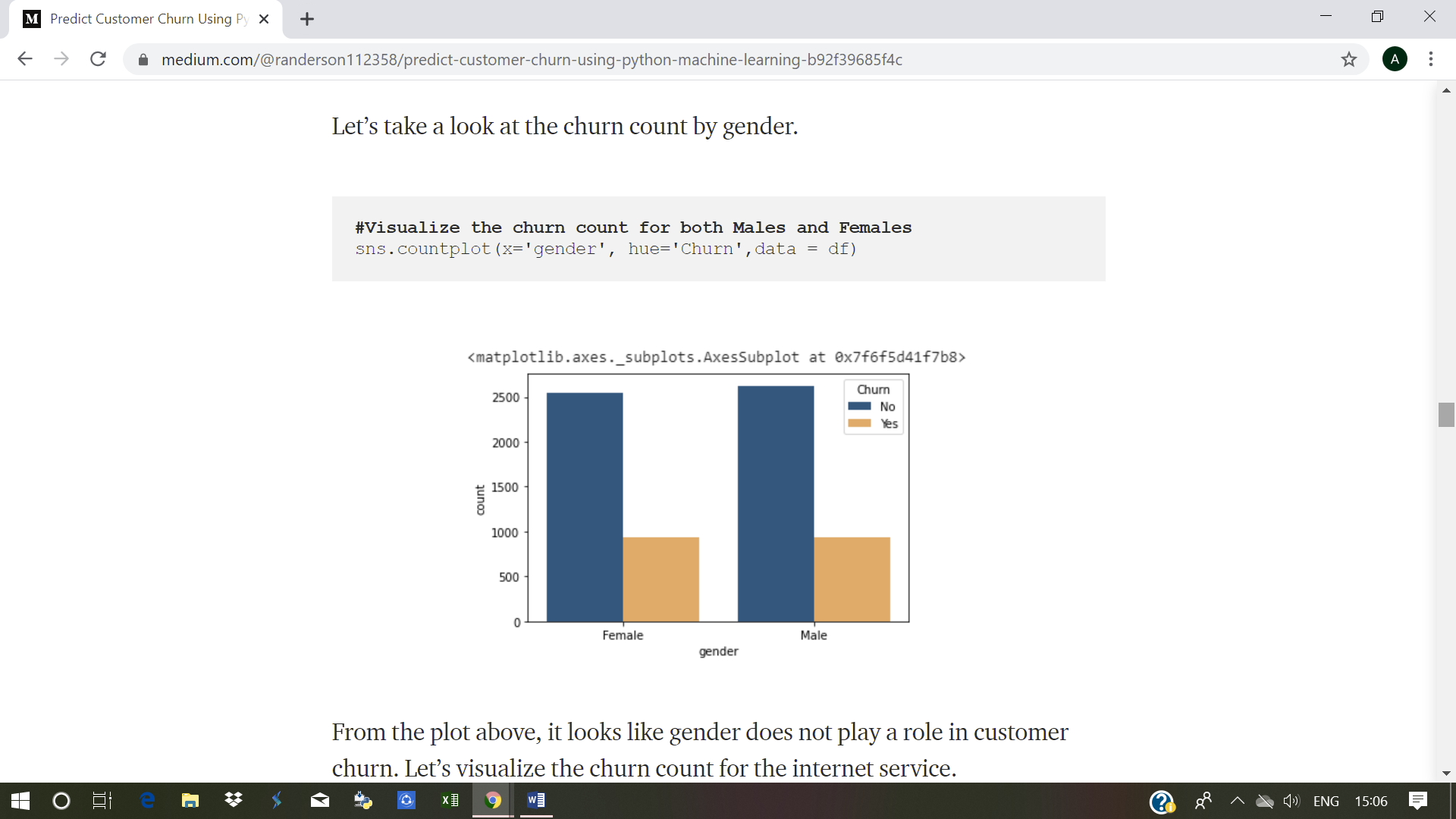
**#Visualize the count of customer churn**



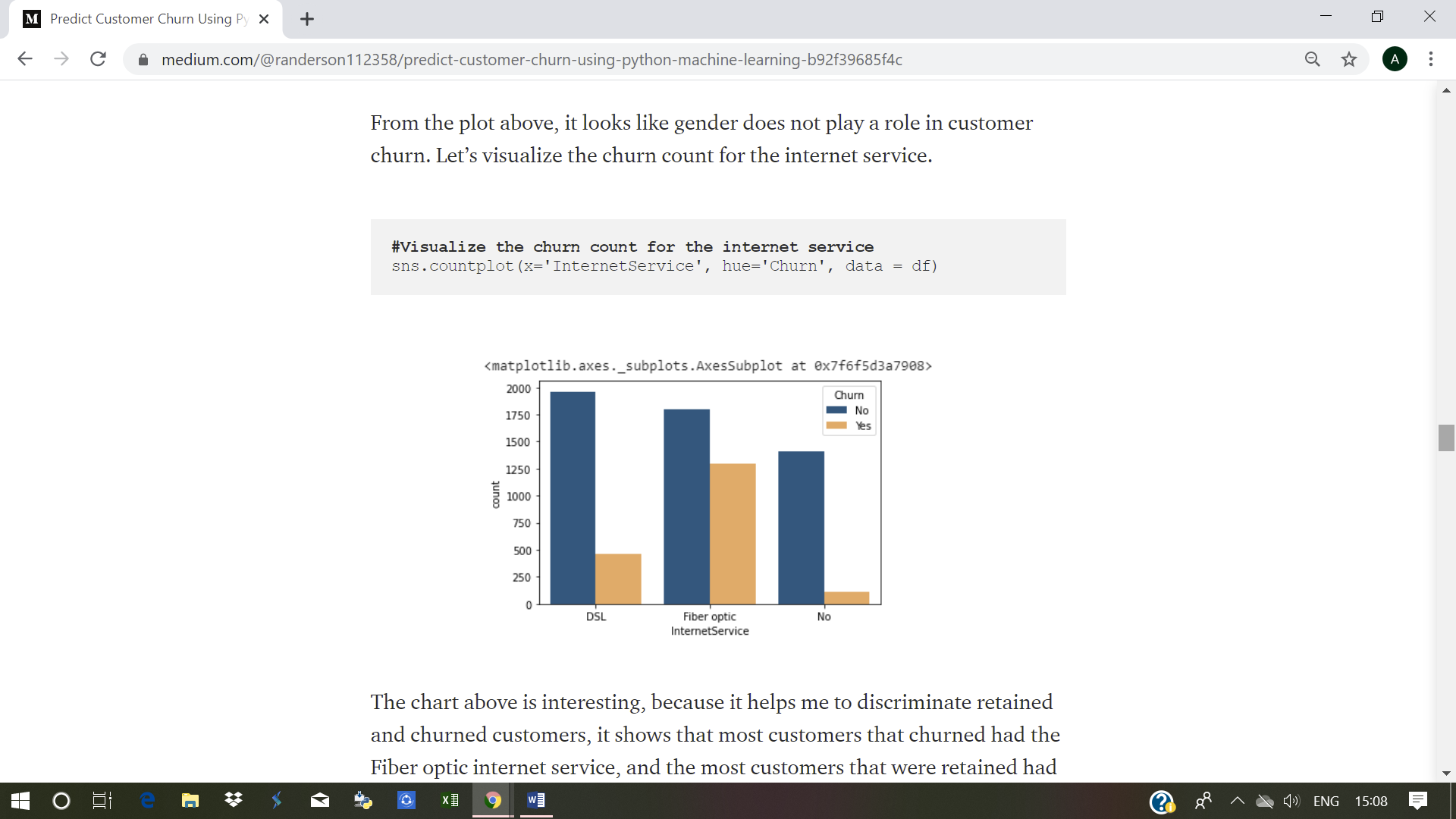
**#Print the percentage of customers that stayed and left**



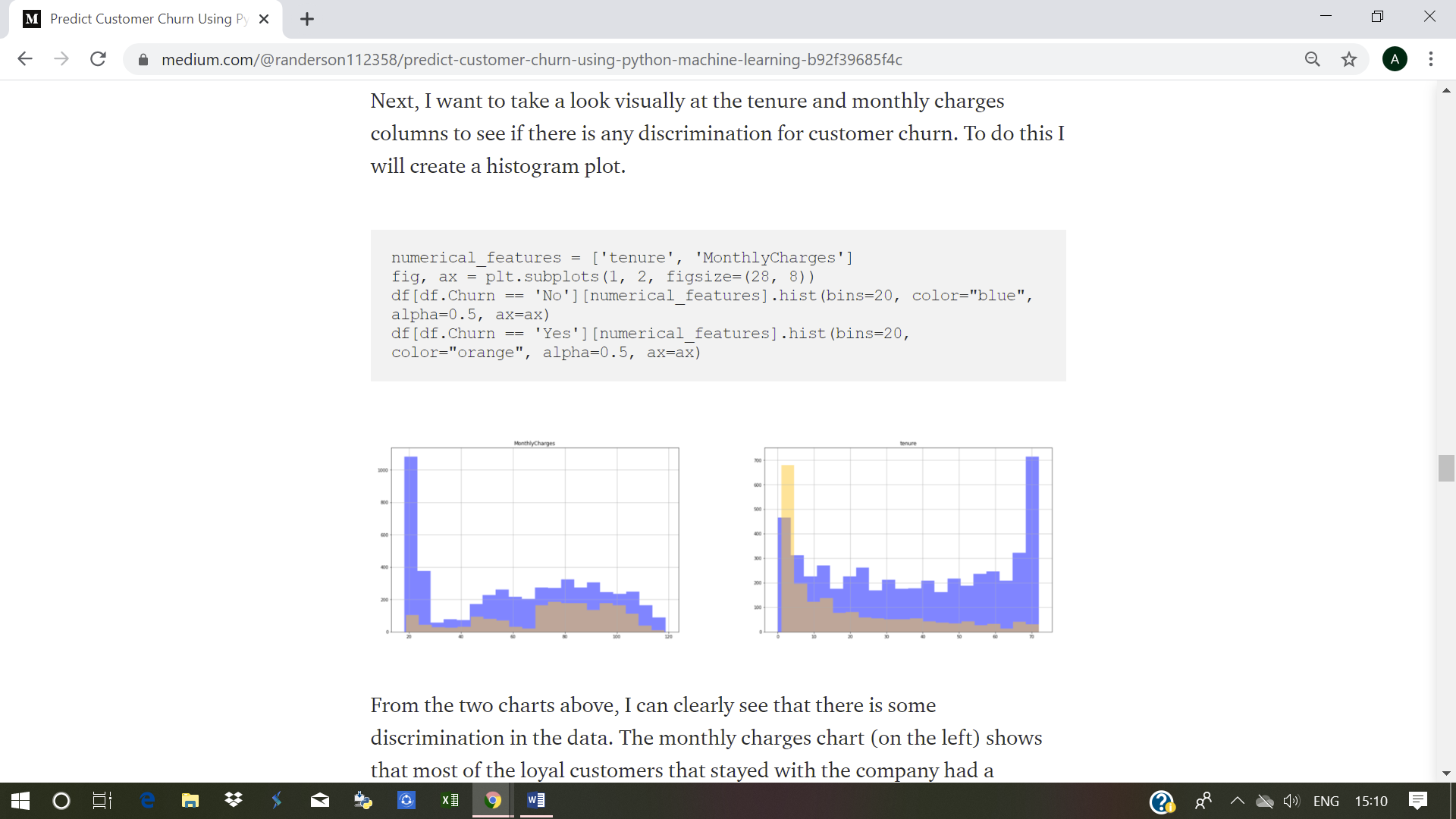
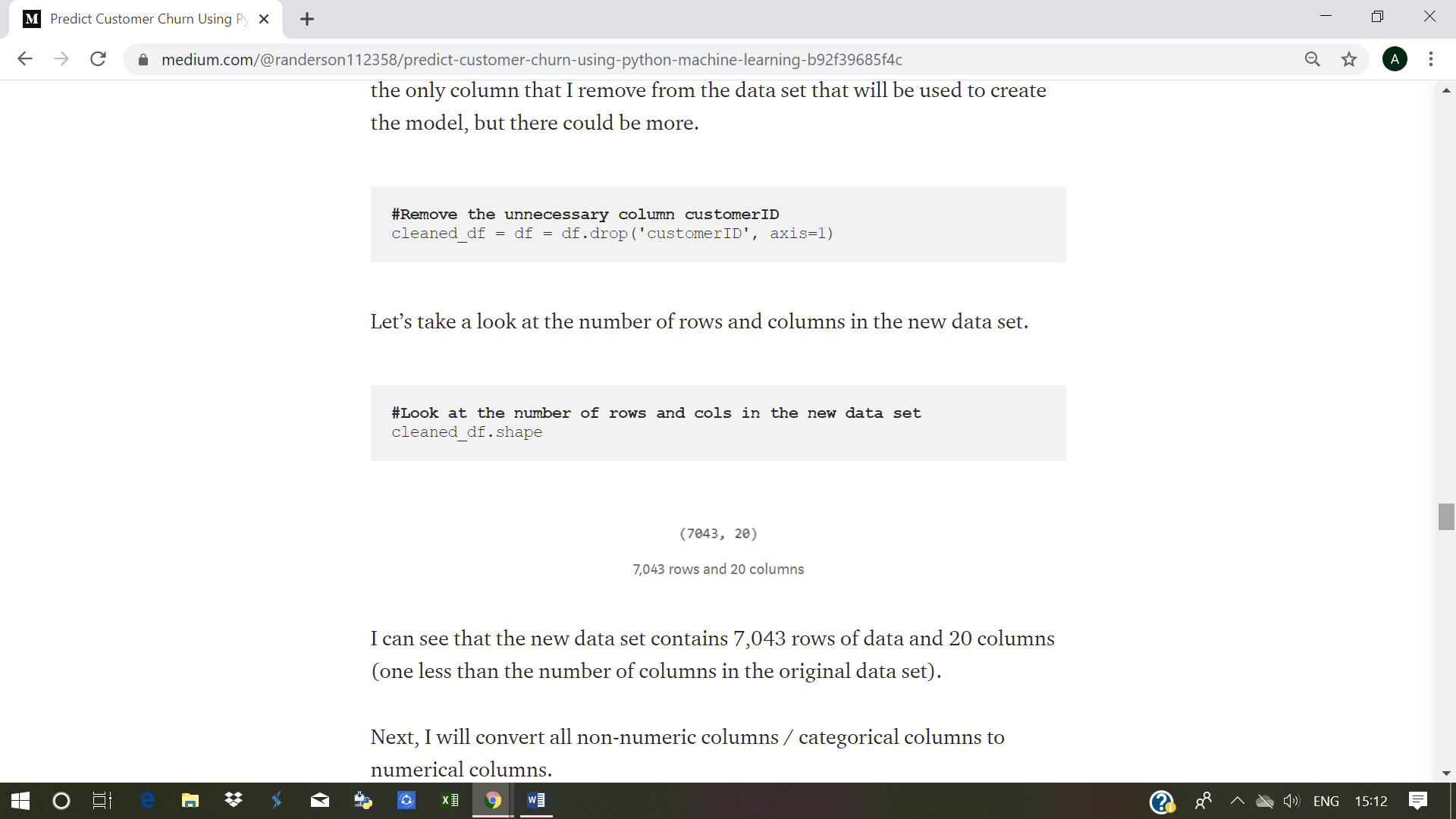
**#Visualize the churn count for both Males and Females**



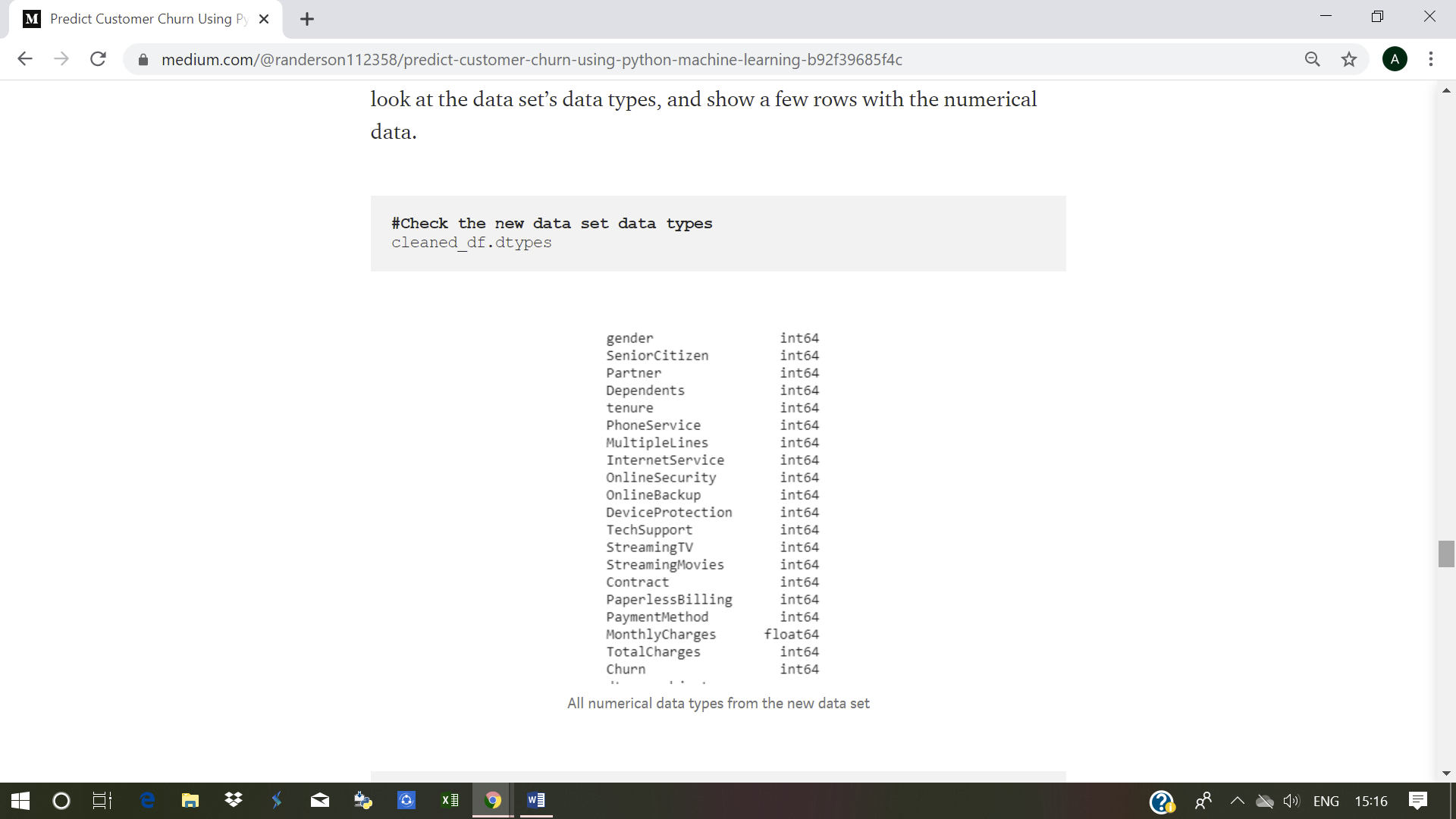
**#Visualize the churn count for the internet service**



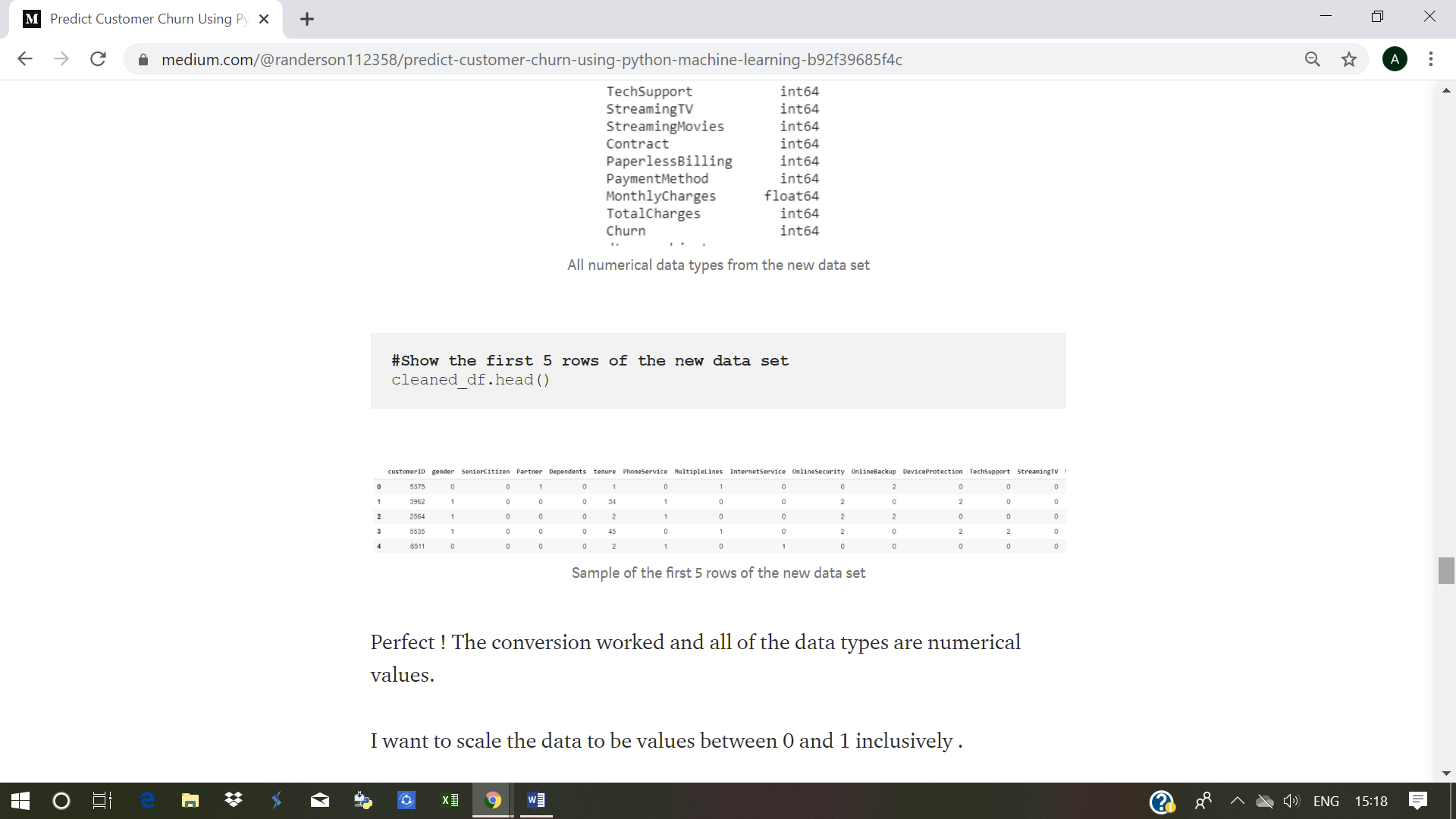
#description of data

**#Look at the number of rows and cols in the new data set**  


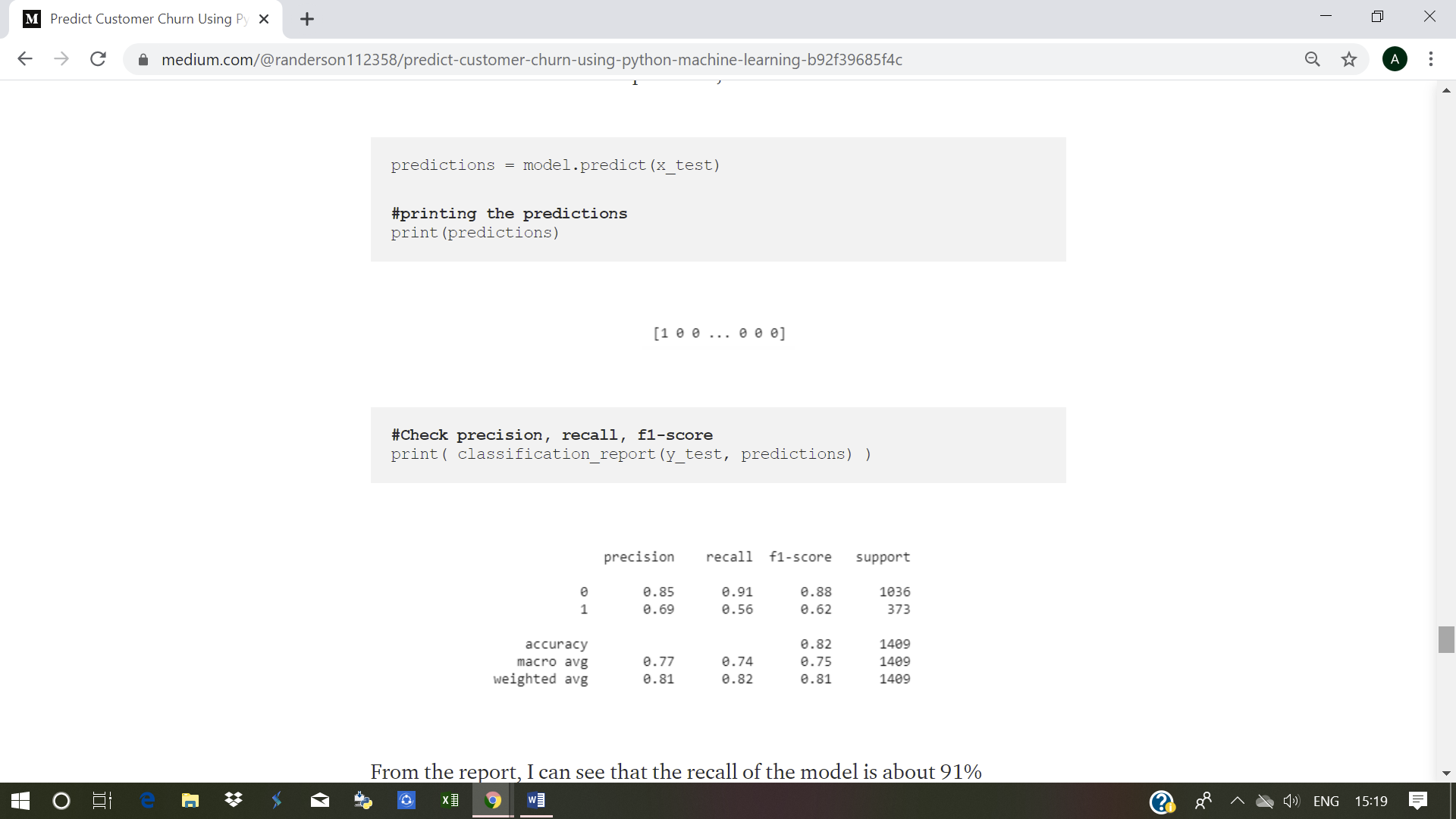
**#Check the new data set data types**



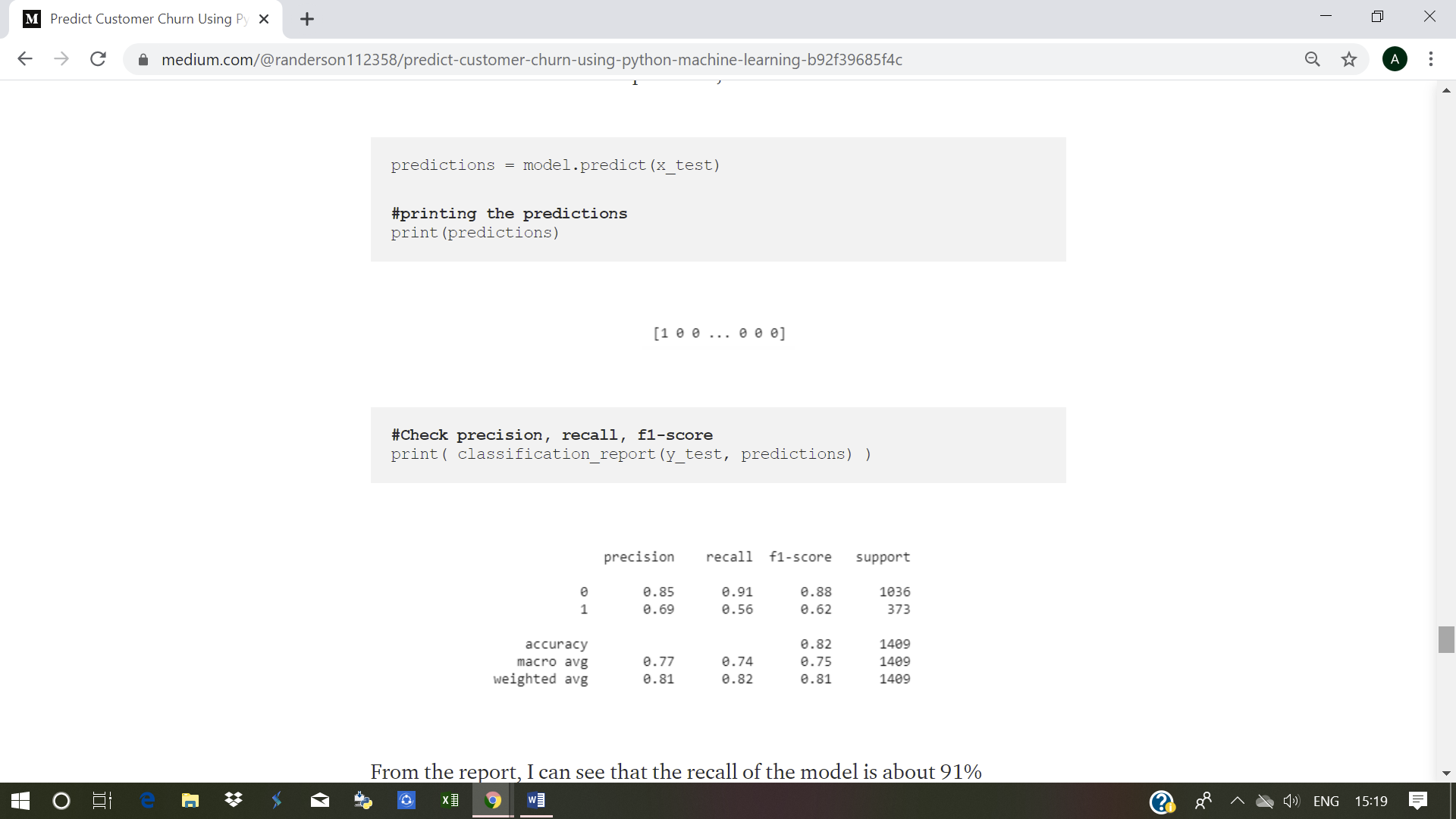
**#Show the first 5 rows of the new data set**



**#printing the predictions**



**#Check precision, recall, f1-score**

****

From the report, I can see that the recall of the model is about 91% meaning the model correctly identified about 91% of the customers that were retained and missed about 9%.