**Individual Contribution**

For this banking dataset my part was to perform Exploratory Data Analysis. I have tried to find the unwanted columns, let’s say, if there is an ID sequence or serial numbers out there. In our dataset there is no unwanted columns. Later I had found out the missing values. If there are any missing values, we will try to find the relation between them and the targeted variable. But we find that there are no missing values from our code. We run the code and check with values with one, we find no feature with one value.

I found out that there are total of nine categorical features and the ‘job’ and ‘month’ features has the highest categorical values there is. We next find the distribution of these categorical features. I have plotted the graphs to find the distribution. After we find the categorical features next, we need to find the relation between these features and the labels.

After we are done with categorical features, we shift to finding numerical features such as age, day etc. in the dataset. First, we are going to find the discrete numerical features in the labels and then we will find the continuous numerical features and its distribution and also its relationship with the labels.

Finally, I will try to find the outliers of these features and further we try to explore the correlation factor between them. I have also replaced the unnecessary values in the dataset with mean values. We find a pair plot and finally we check for the targeted values in the classification and see if they are balanced or not.