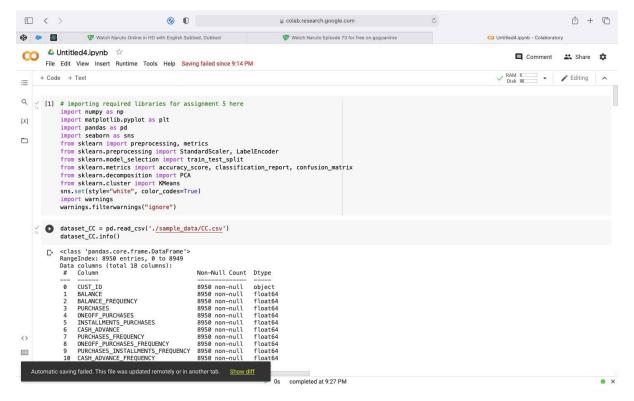
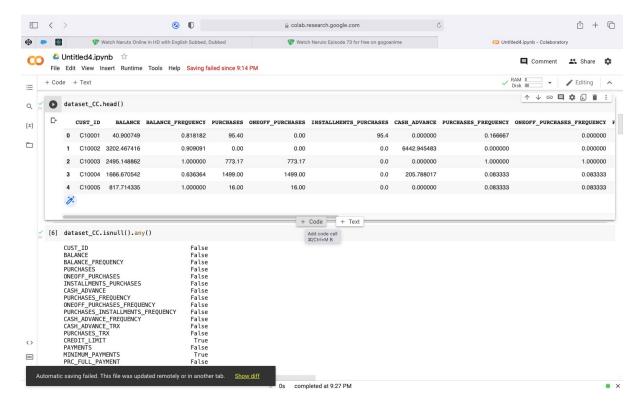
Question 1:

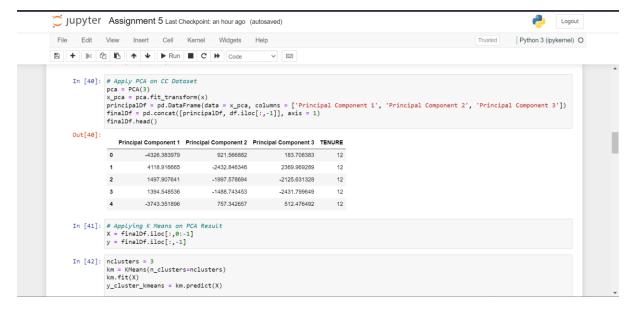
read_csv() reads the csv file and stores in variable df



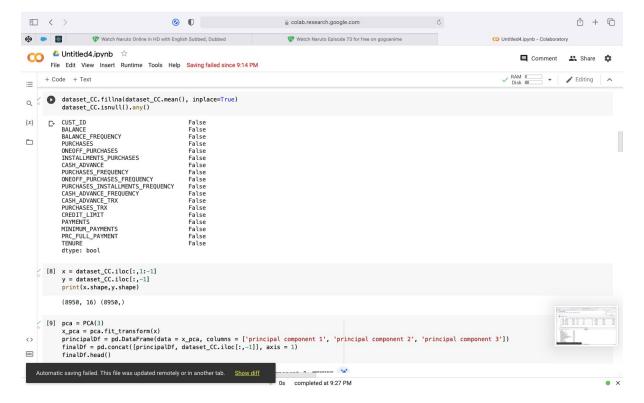
Fillna() replaces all the null values with the mean value so that we do not have any NaN values in the dataframe

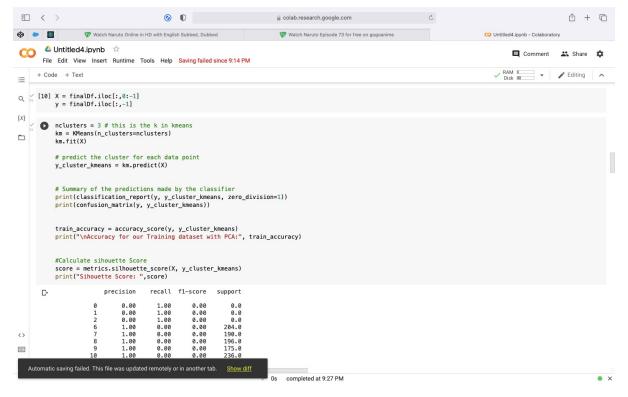


The output of the PCA is fitted with x and stored in x_pca

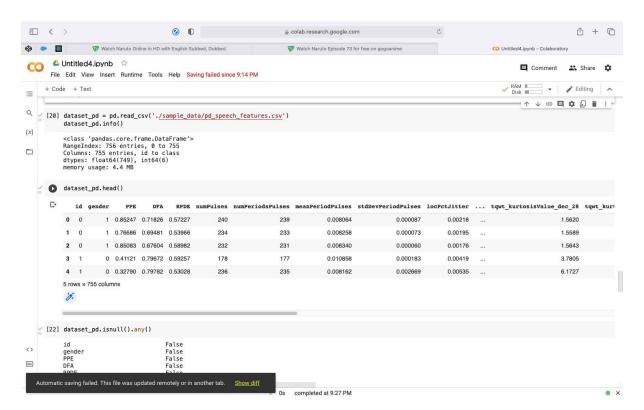


Performed scaling and applied PCA

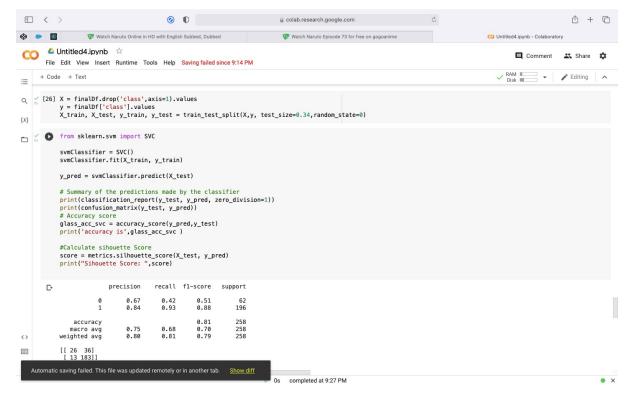




Question 2:

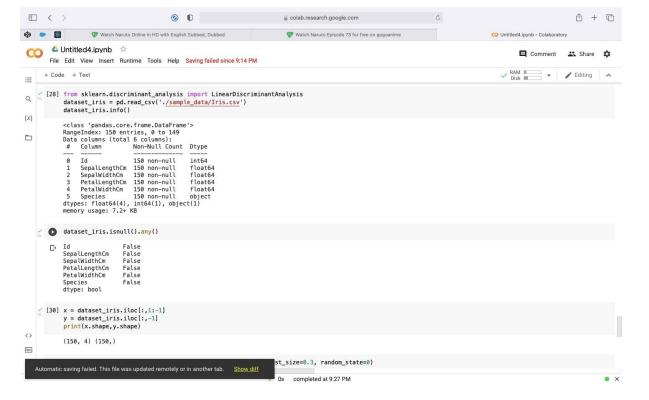


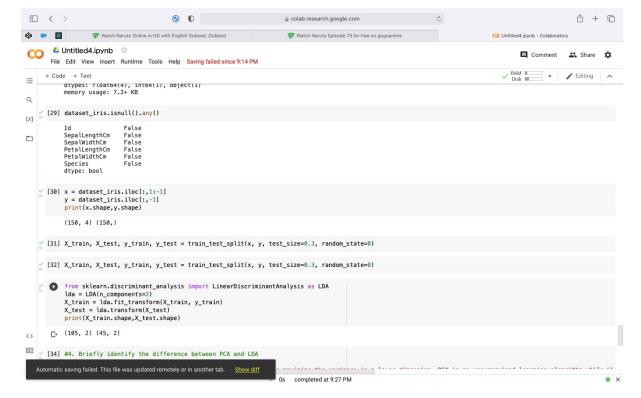
Accuracy of svm is found using accuracy_score() and silhouette score is found using silhouette_score()



Question 3:

Checking if there are any null values by calling isnull()





Question 4:

