**Brief Description on Case Study One**

Starting with the dataset being clean and no missing data, which is always a good start. I did notice when I plotted the count of fraud and non-fraud data that it was imbalanced. When I looked at the different types of payments, combined with fraud and flagged as fraud data. The results made it better to understand the data. When it came to using the two algorithms, I selected XGBoost and Random Forest for the options these algorithms offered. XGBoost gave me many options with different class weights. Random Forest was the best algorithm for testing this dataset. It was hard for me to improve the results since the dataset was imbalanced. I had no assumptions for this project, and I would have attempted to add another algorithm to my approach. This would have improved my test results.