**Capstone Project 1 Proposal**

**Proposal 1**

**Title:** Forecasting Dow Jones Industrial Average Monthly % change based on the monthly US Federal funds rate % change.

**Dataset:**

***Gold Prices: Yahoo finance:*** <https://finance.yahoo.com/quote/%5EDJI/history?p=%5EDJI>

***Federal Funds Rate:***

<https://www.macrotrends.net/2015/fed-funds-rate-historical-chart>

**Clients:** Investment Banks and institutions, Retail Traders & Hedge funds, Gold Companies.

**Proposal 2**

**Title:** Credit Card Fraud Detection

This dataset is a synthetic dataset containing 11 columns.

**Dataset:**

<https://www.kaggle.com/ntnu-testimon/paysim1>

**Clients:** Investment Banks and institutions, Retail Traders & Hedge funds, Gold Companies.

**Proposal 3**

**Title:**  Bank Customer Churn Modelling

**Dataset:**

<https://www.kaggle.com/barelydedicated/bank-customer-churn-modeling>