

Ideas Capstone II

1. Credit card fraud detection

Potential approach: supervised learning, anomaly detection

https://github.com/PilatusPy/Capstone-II/blob/7240f24f29aa5271e57117b0fa11fcaef1729693/creditcard_fraud.txt

2. Loan default prediction

Potential approach: building a model based on borrower info, credit score, etc.

<https://github.com/PilatusPy/Capstone-II/blob/7240f24f29aa5271e57117b0fa11fcaef1729693/Loan%20default%20prediction.csv>

https://github.com/PilatusPy/Capstone-II/blob/7240f24f29aa5271e57117b0fa11fcaef1729693/Loan%20default%20prediction_2.csv

3. Customer Lifetime Value

Potential approach: Develop a model of the value of customers (the average amount of money expected to receive from the customer during their “lifetime”) based on their profile, transactions, account history, etc

https://github.com/PilatusPy/Capstone-II/blob/7240f24f29aa5271e57117b0fa11fcaef1729693/CLV_draft.zip

4. Energy Consumption Forecasting

Potential approach: need to gather historical energy consumption data.