Schneider A (LASIK)

Background:

Schneider is a large multinational energy company. This project is a continuation of work done by HUDAG with Schneider last semester. The project scope falls into two parts:

1. IP (Indirect Procurement) Spend Forecasts

IP Spends are purchases made to support the business and are important to ensure smooth operations. This project entails forecasting the company's IP Spend across divisions. Beyond historical IP Spending trends, this project will also require creativity in ideating which datasets may be useful. Previously, public financial data was used but additional datasets can be explored.

2. Purchase Request Automation

The purchase request process for Schneider Employees is currently a manual process that is prone to error since the metadata/categories marked often don't match the item requested. This project will focus on creating a model to flag incorrect requests, potentially using Natural Language Processing techniques.

Goal: Identify better ways to forecast IP spend, improve models used to flag incorrect purchase requests

Skills: Data Analytics, Machine Learning, NLP

Schneider B

Background:

Schneider is a large multinational energy company. This project may focus on analytics related to Schneider's IT asset management systems. The first project is to process internal datasets in order to create a "scorecard" for new Schneider assets based on compliance with security protocols. For example, use a user's Job Title, location and software installed to predict whether a newly issued laptop falls into a high risk category. The second project may involve working to extend an existing machine learning model to predict what software a user might require.

Goal: Analyze data on Schneider's IT asset management.

Skills: Data Analysis, Machine Learning