Alex:

Data Science Job Salaries

<https://www.kaggle.com/datasets/ruchi798/data-science-job-salaries>

We aim to estimate the potential earnings of professionals based on various influencing factors, including salary, experience, location.

Possible questions we can answer including:

* What is the average salary for data scientists based on geographic location?
* How does work experience influence salary?
* How do company size affect the salary offered?

Chun-Hui:

Diabetes Prediction

<https://www.kaggle.com/datasets/alexteboul/diabetes-health-indicators-dataset/data>

To better understand the relationship between lifestyle and diabetes in the US

The 35 features consist of some demographics, lab test results, and answers to survey questions for each patient. The target variable for classification is whether a patient has diabetes, is pre-diabetic, or healthy.

-predictions of whether an individual has diabetes?

-What risk factors are most predictive of diabetes risk?

Abhinav:

Apple - Stock prices prediction

We look at previous stock price datasets and can forecast how the company can better make decisions to increase stock prices

<https://www.kaggle.com/code/lusfernandotorres/predicting-apple-stock-prices-using-pycaret/notebook> - Using Pycaret to create a Prediction model for Apple stocks

<https://www.kaggle.com/code/jappreetsingh004/apple-revenue-from-1980-to-2022> - Apple stock price form 1980-2022

Hilary

Stocks prediction

<https://www.kaggle.com/datasets/amohankumar/tesla-stock-price-prediction-dataset>

Lalitha-

Predicting possibility of recession

[US Recession Dataset (kaggle.com)](https://www.kaggle.com/datasets/shubhaanshkumar/us-recession-dataset)