**Idea 1 Wildfire dataset**

<https://www.kaggle.com/datasets/rtatman/188-million-us-wildfires>

Potential questions

Descriptive:

In the past, what are the most common areas in which wildfires occur?

In which locations does the fire spread most?

In which locations does the fire cause the most damage?

Predictive:

What areas do we predict the highest likelihood of fires in the following years?

Is there likely to be more wildfire damage or less wildfire damage in upcoming years?

Optimization:

Where do we place new fire stations to best minimize wildfires?

**Idea 2 Employee Attrition for Healthcare**

<https://www.kaggle.com/datasets/jpmiller/employee-attrition-for-healthcare>

Predicting employees who are high risk for quitting

**Idea 3 Avocado Dataset**

<https://www.kaggle.com/datasets/neuromusic/avocado-prices>

Avocado farmer trying to find optimal location to sell his avocados

**Idea 4 Long term Stock Investment Strategy**

<https://eodhistoricaldata.com/financial-apis/api-for-historical-data-and-volumes/>

Risk analysis for long term investments

Stock price forecasting