Project Name:

Warriors’ Wildfire Prediction Analysis

Team:

The Warriors

Members:

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Objective:

**Predict outbreaks of wildfires** (location based?)(weather)(seasons/time of year)(private/public lands)(affluency)(top/probable causes)

Scope:

Only US wildfires.

Data from 1992 onwards.

Data Sources:

<https://www.kaggle.com/rtatman/188-million-us-wildfires> (large dataset)

<https://www.kaggle.com/ananthu017/california-wildfire-incidents-20132020> (sample dataset)

Google Maps API

Census Data

Questions:

What are the largest correlative factors in wildfire occurrences?

Can we predict the severity (acres/burn time/loss) of a fire based on any of these factors?

Can we predict where a wildfire will start next based on any of these factors?