

Problem Setup

- The 2018 California wildfires cost more than \$148 billion and 85 lives
- Resources must be placed to prepare for wildfires

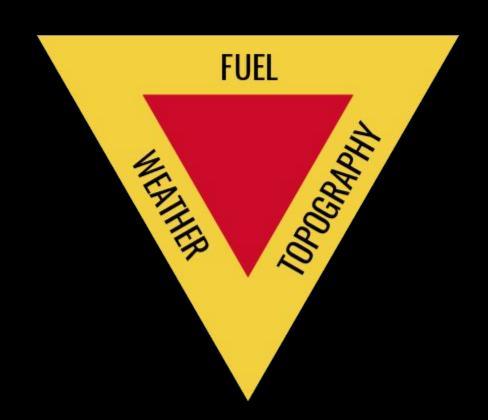


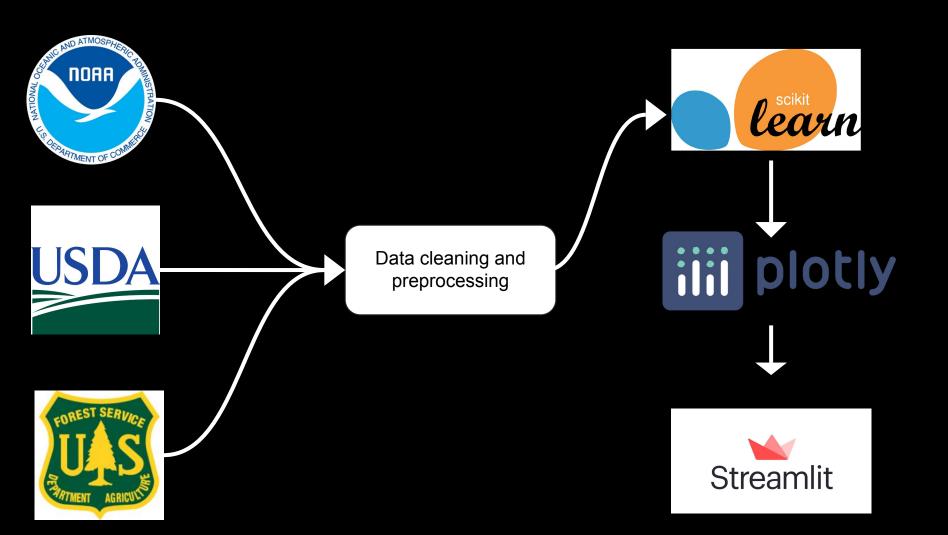






Factors in Fire Behavior

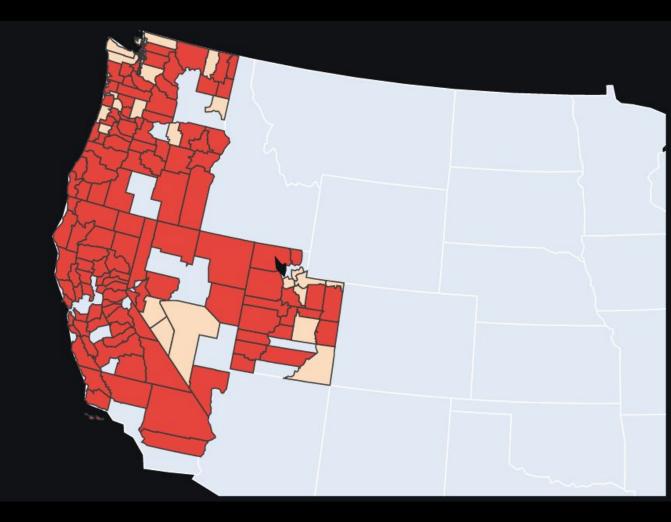




> 5e-08 % Burnt

• Recall: 84%

• Precision: 84%

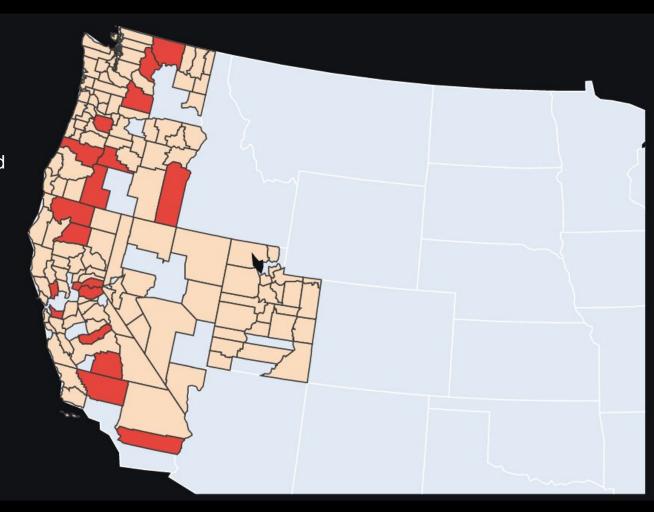


> 5e-05 % Burnt

• Recall: 33%

• Precision: 50%

• Only 4% of counties burned this much in 2014



The Bottom Line

- Predictive power ranges based on cutoff
- Flexibility
- Next steps



