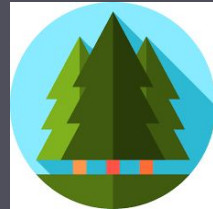


WILDFIRES in the US

KENNY LEUNG

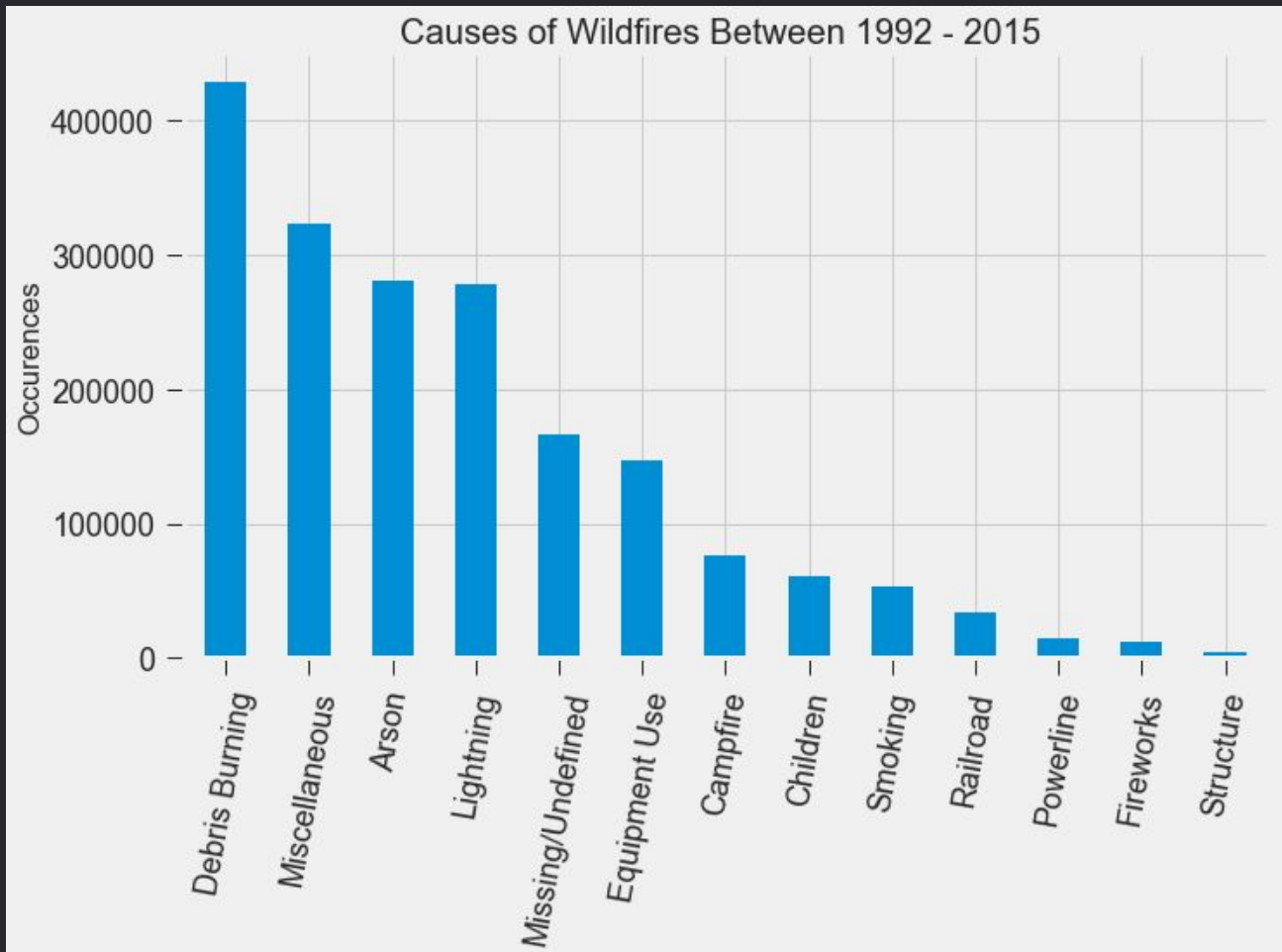


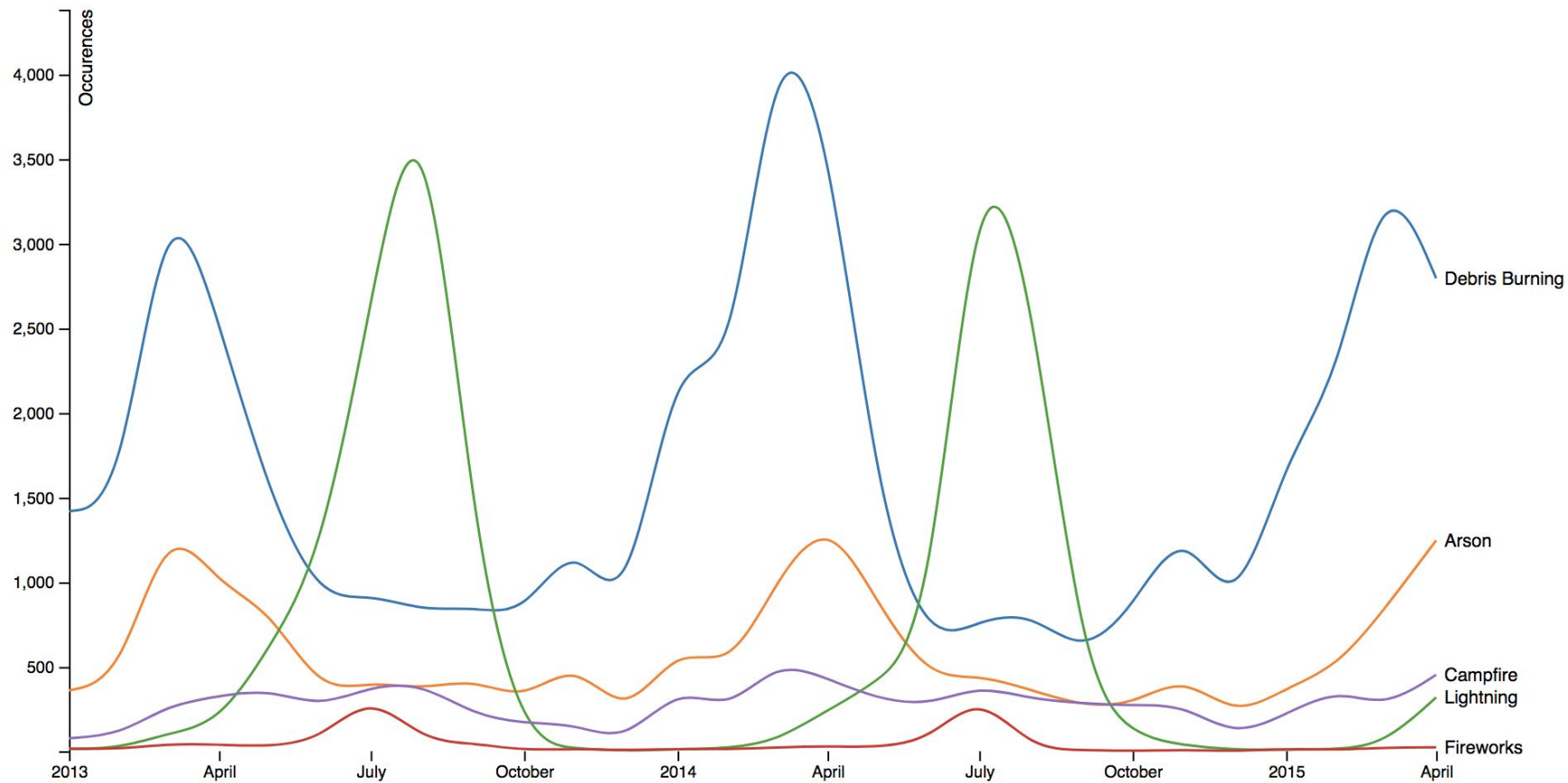
QUESTION / MOTIVATION

Can we predict the cause of a wildfire?

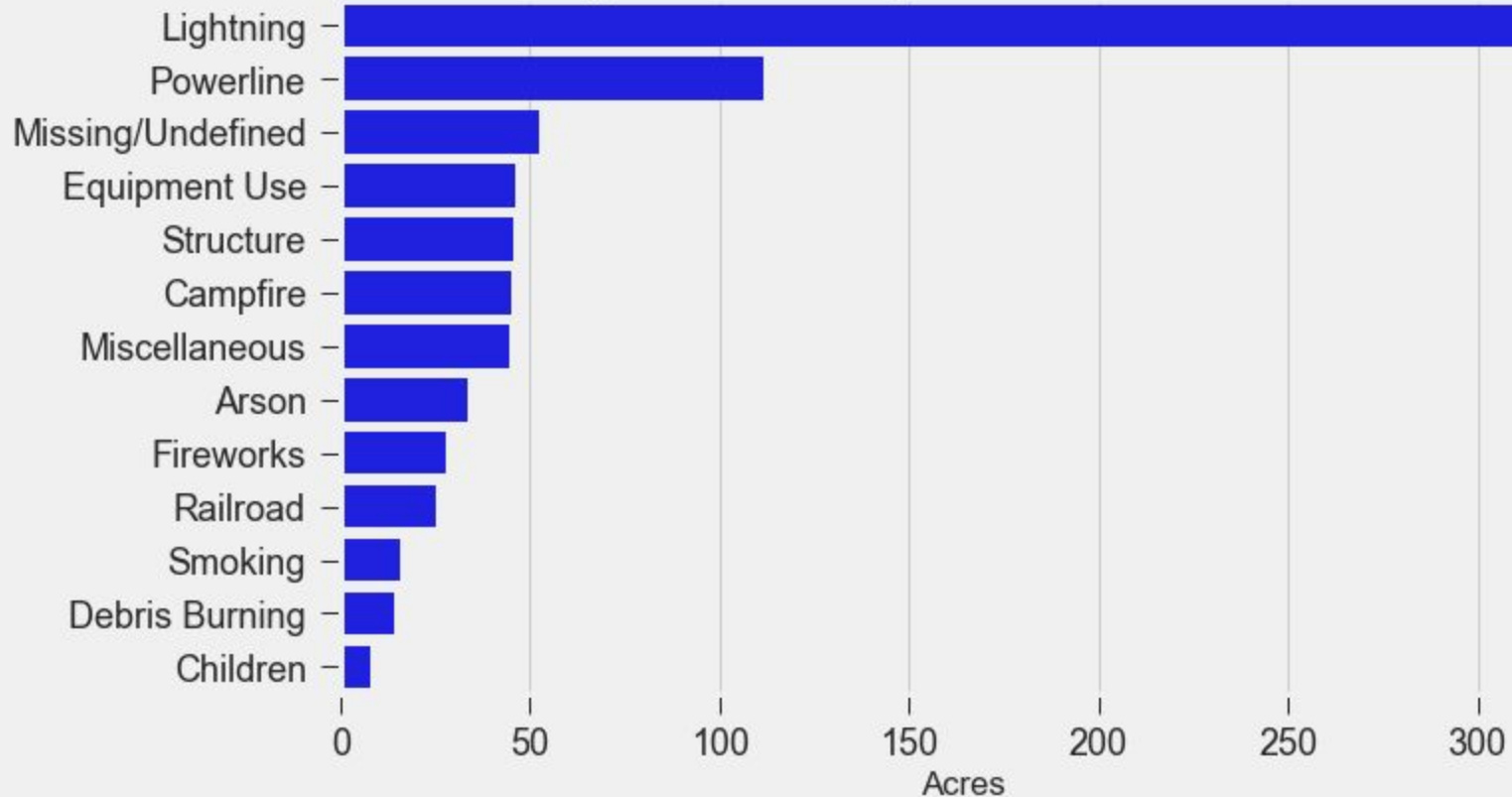


TARGET

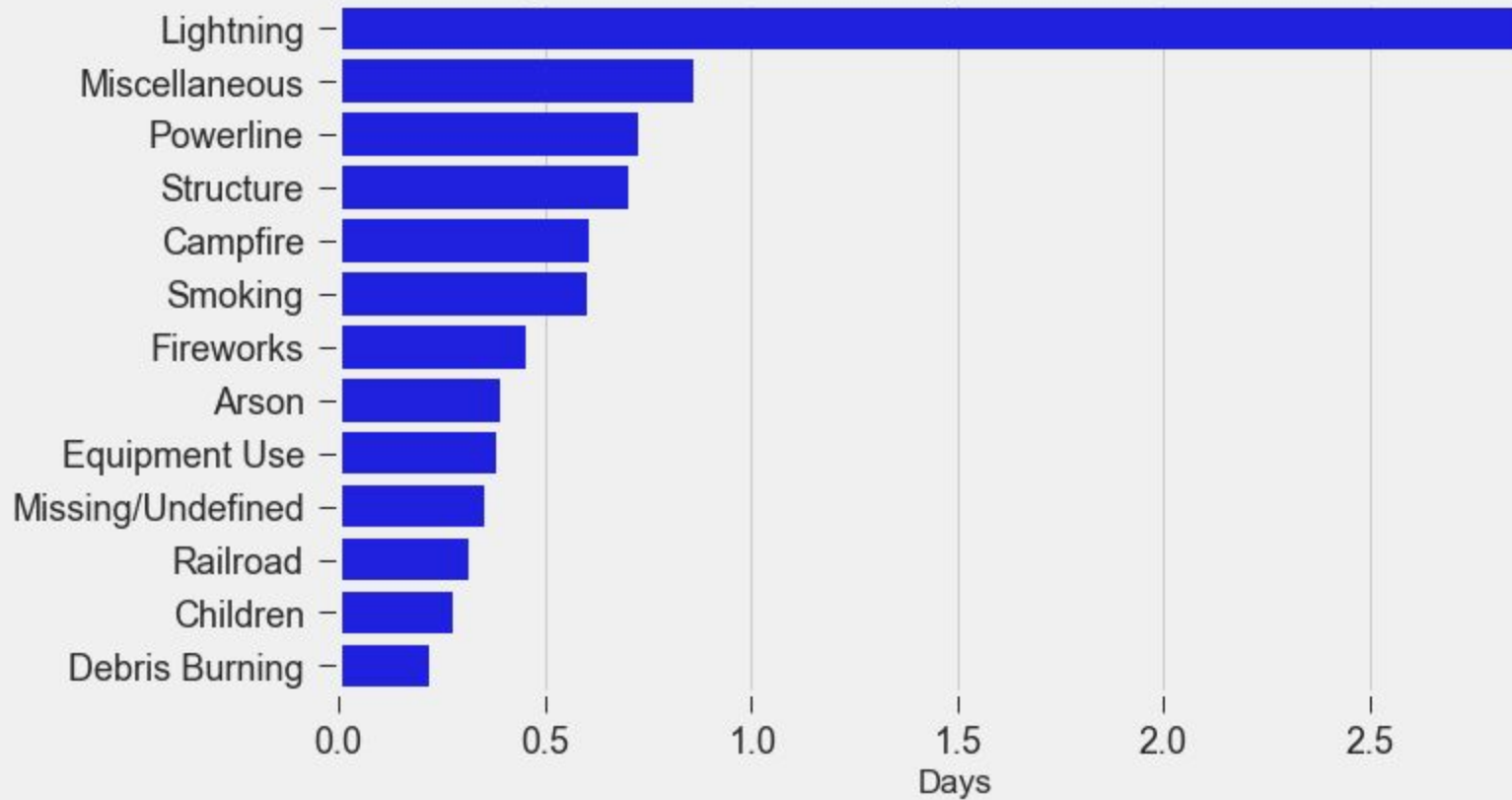




Average Wildfire Size by Cause Between 1992 - 2015



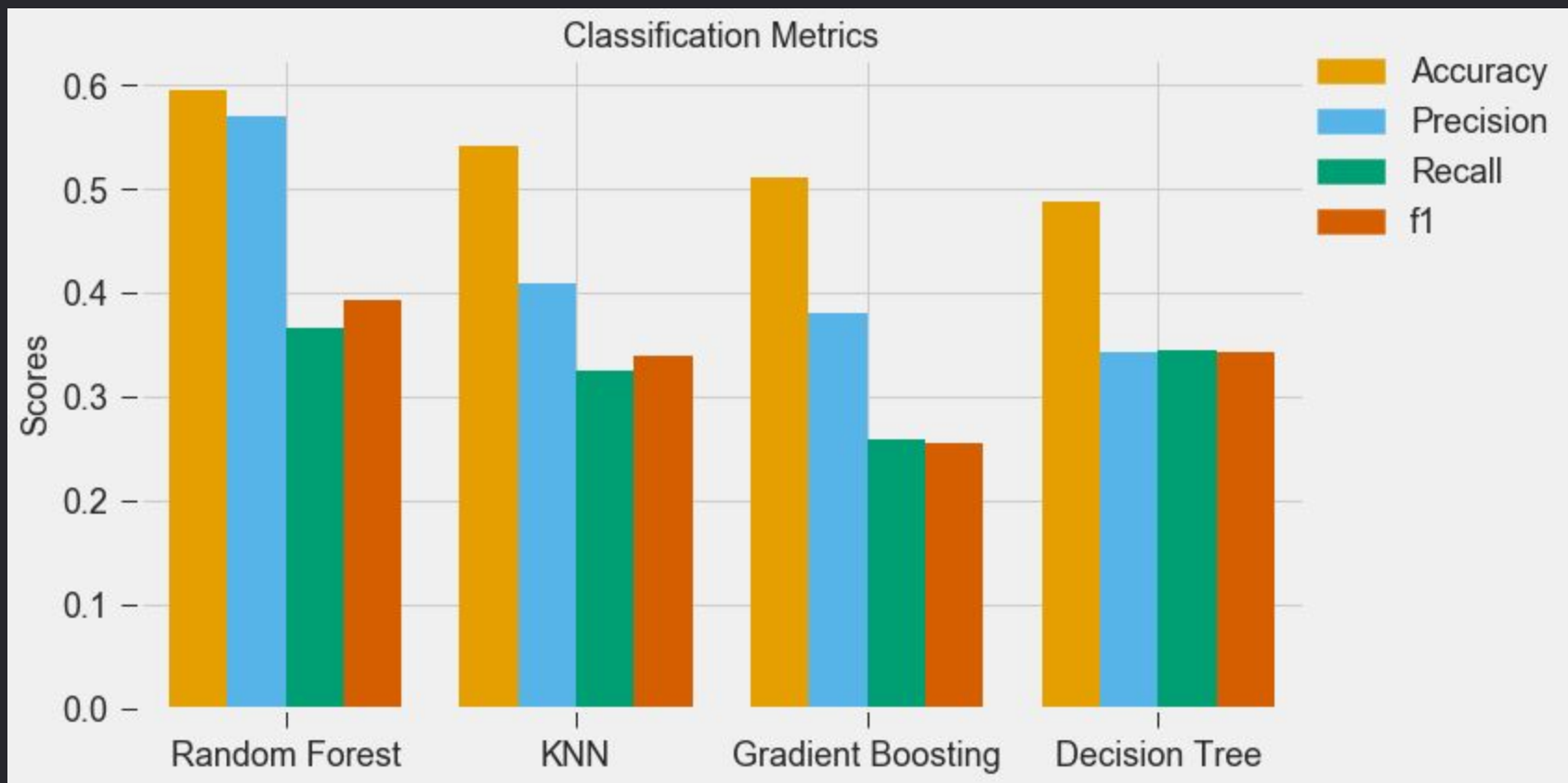
Average Wildfire Burn Time by Cause Between 1992 - 2015

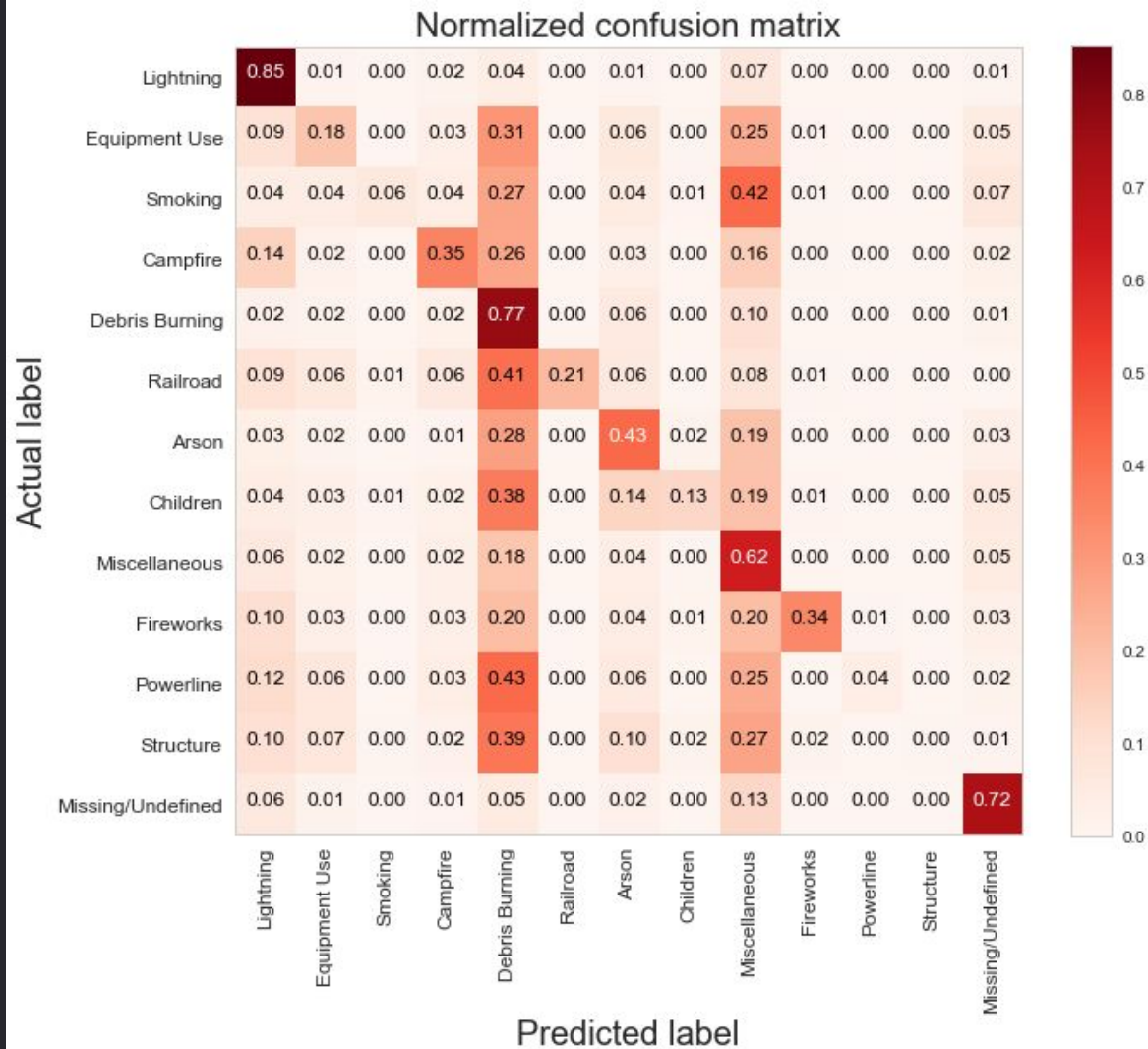


FEATURE IMPORTANCE

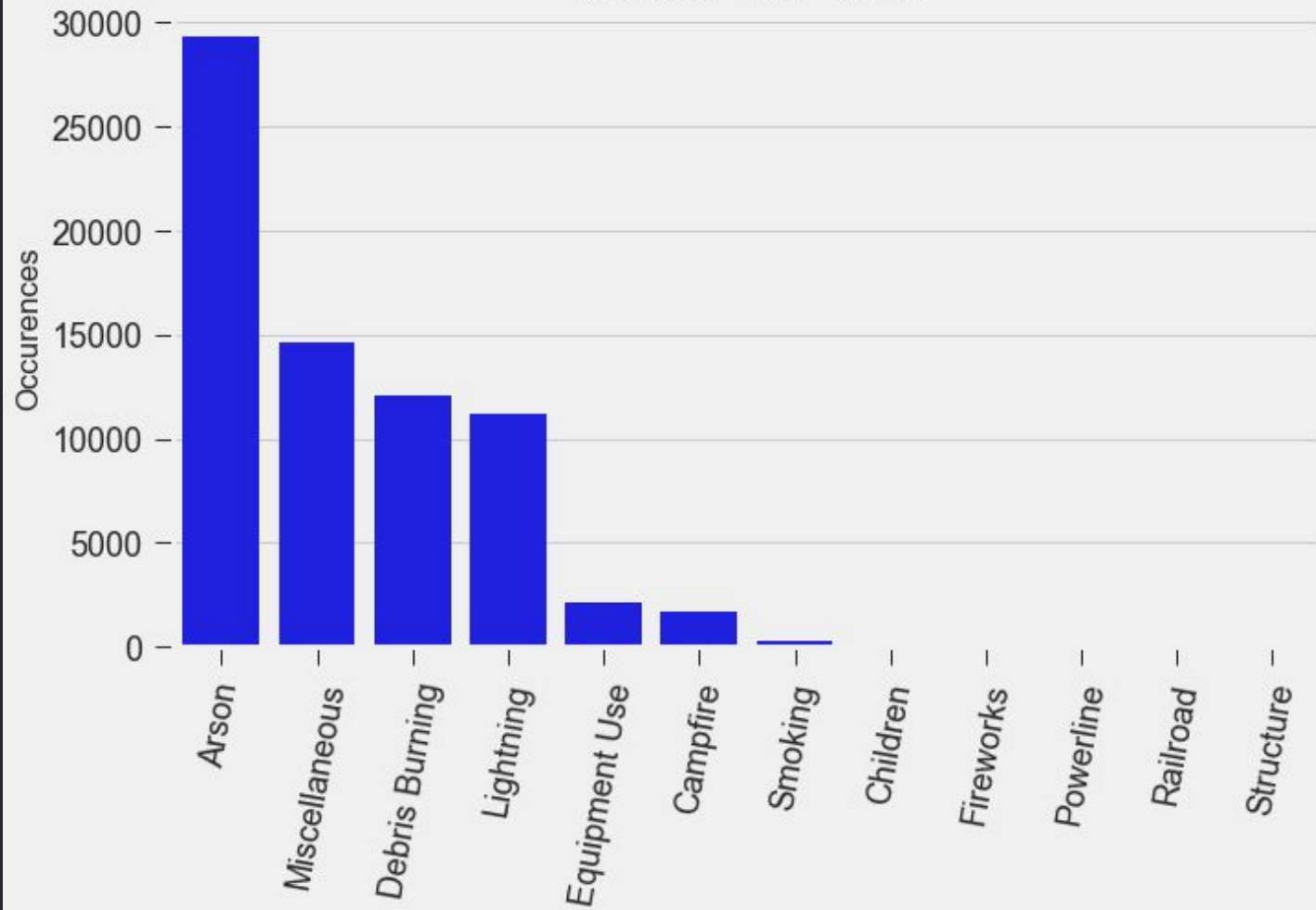
- 1) Location of Fire (Latitude, Longitude)
- 2) Day of Year Fire Discovered
- 3) State in which Fire Occurred
- 4) Final Fire Size
- 5) Days Taken to Contain Fire
- 6) Year of Fire Event

RESULTS





Predictions for 70,000+ Missing/Undefined Cases
Between 1992 - 2015



QUESTIONS?