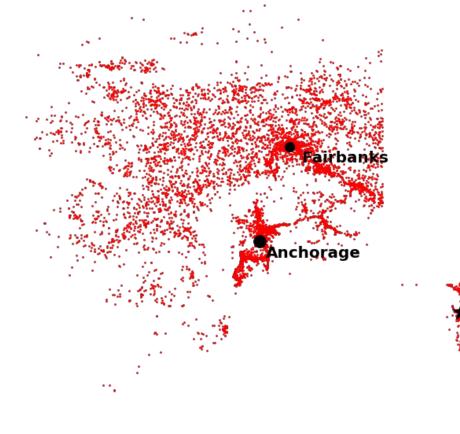


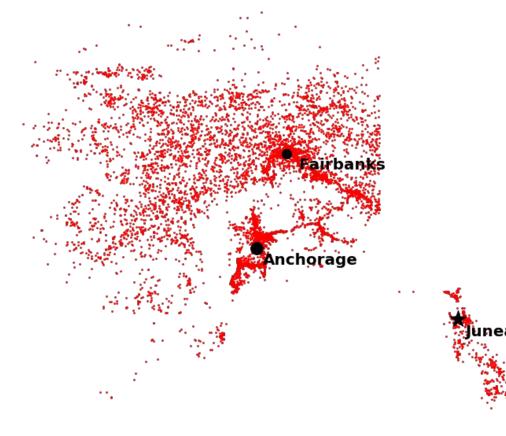
neau





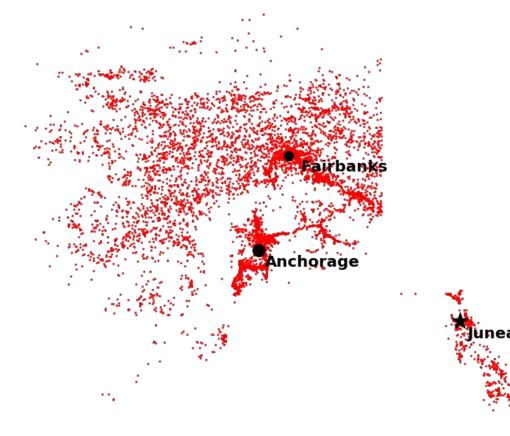


Less than **0.25%** of US population



Less than 0.25% of US population

Less than **0.70%** of total wildfires



Less than 0.25% of US population

Less than 0.70% of total wildfires

Over **23%** of total surface area destroyed

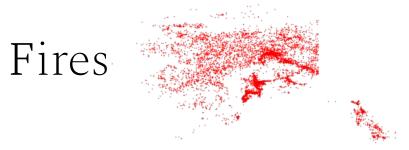






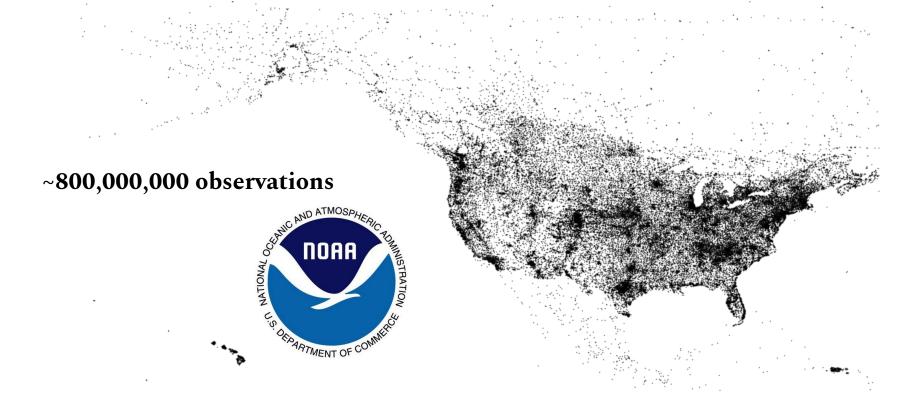




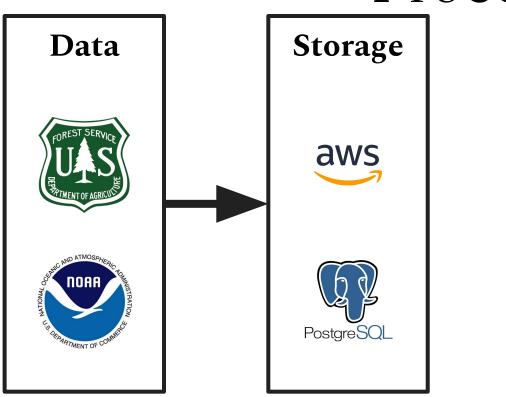


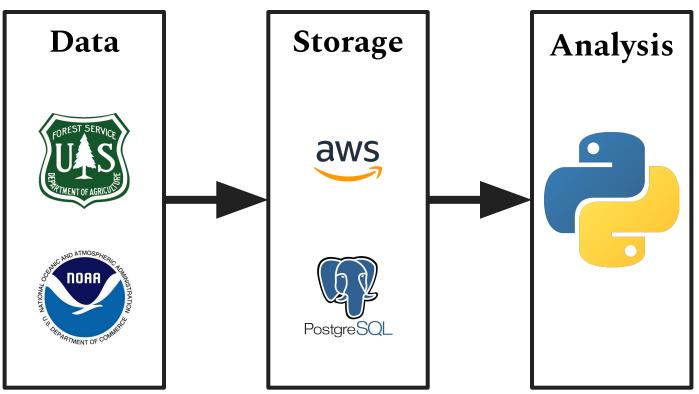


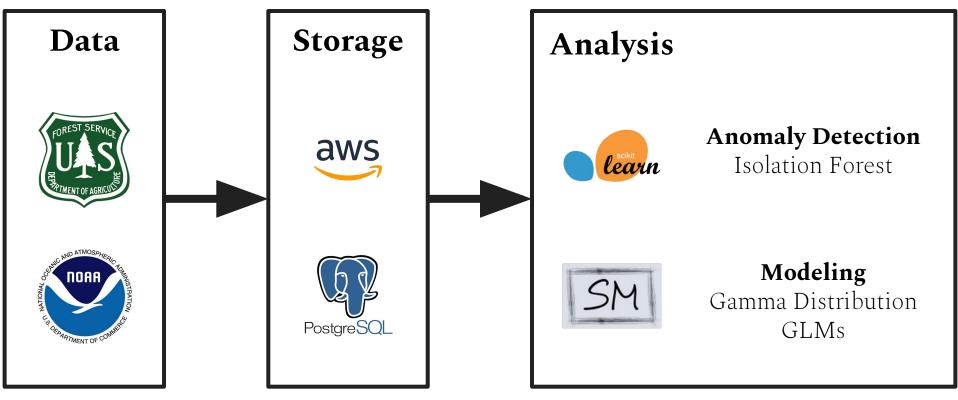
Weather Stations



Data OF PARTMENT OF CONT



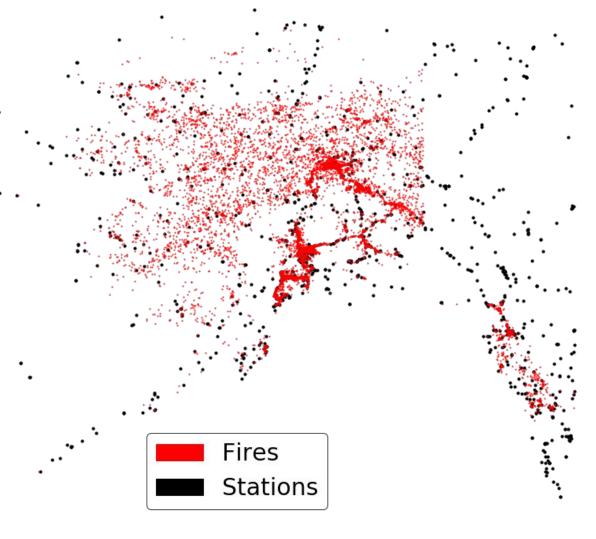




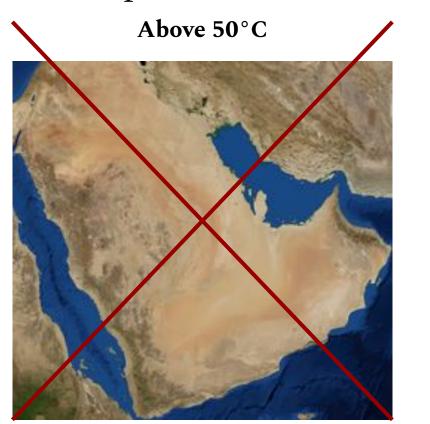
Assumptions

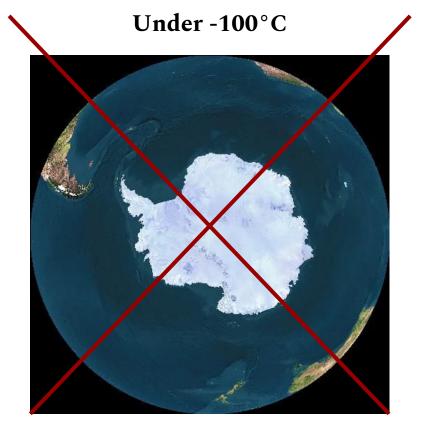
Assumptions.

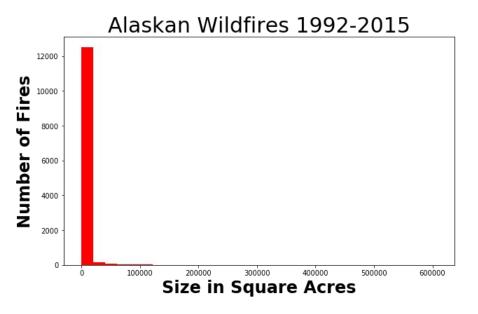
Closest weather station acts a proxy for each fire

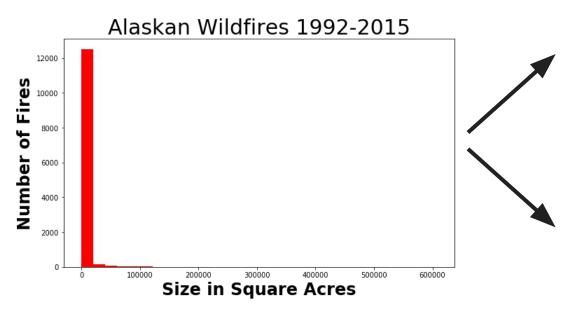


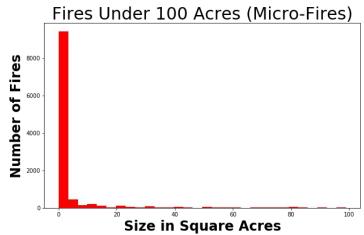
Assumptions

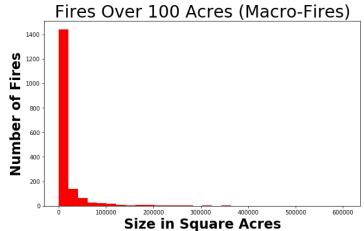


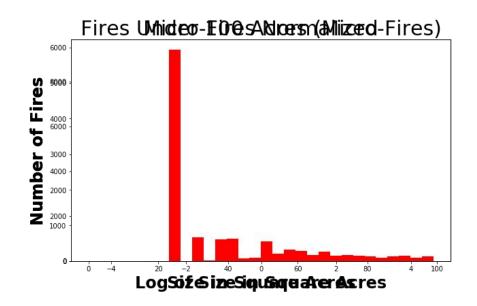


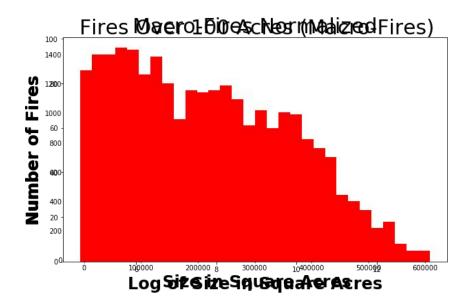






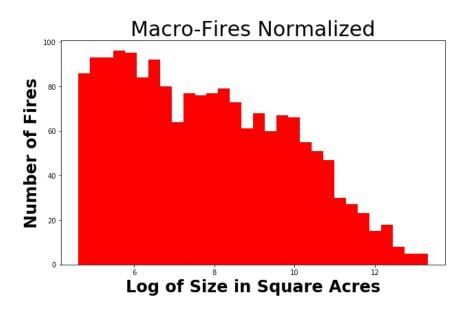






Macro-Fires:

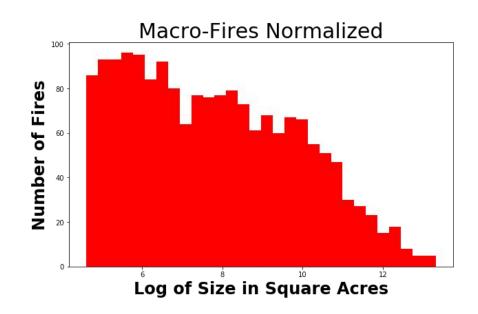
13.79% of all fires



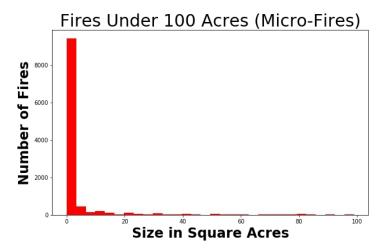
Macro-Fires:

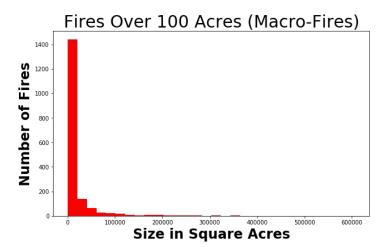
13.79% of all fires

99.86% of all damage



Modeling

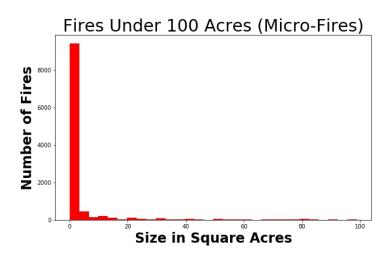


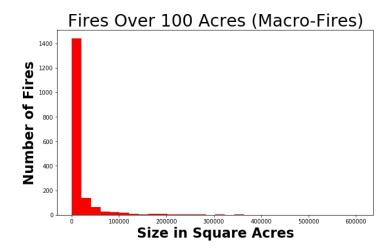


Modeling

Gamma distribution:

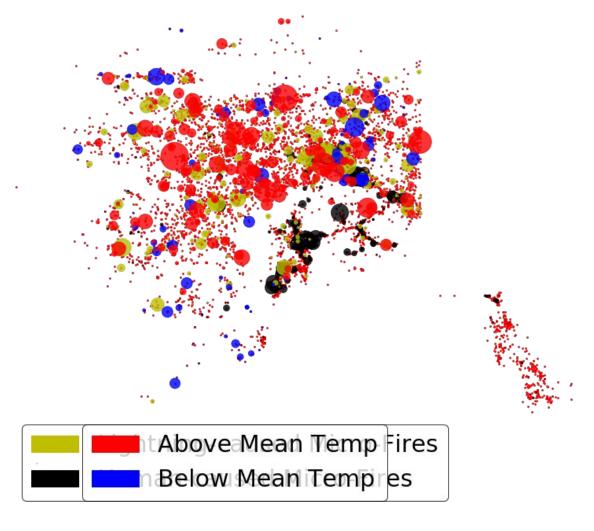
Good for heavily skewed observations





Key Takeaways

Macno-flines dhated by when humanstendend to smalleger



Other Applications





Thank You!

