Analytical Problem

Yes, Wildfires Causes Global Harm

Wildfires have become a major concern in the recent past which had a huge impact on both the environment and the living beings as well. Our motive through this project is to overcome, predict and map the counties which are prone to wildfires. This sounds easy by just listening the term predict and map but there are almost 31 Different Attributes and almost 6000 rows which are packed in a SQLite format containing Geo-Spatial, Time Stamp. Which could be a challenge while mapping the data as it sometimes have different formats for the same. There are columns which give information about the cause and the time it was taken control and brought down these attributes can be so important as we can determine the places prone to fires and the time it took to cool it down so that new fire station waterplanes and housing near such places could be planned.

We sat together and came to a conclusion that models like Decision Trees, Random Forests, Gradient Boosting. We might consider using Tableau for the mapping and creating a timeseries for the wildfires happening all across.

With the help of this project our goal is to make people understand the harm caused by wildfires and trying to predict and prevent to the extent we can. This would benefit the society like no other could, this could bring a major change in the terms of Air Quality, Carbon Released and so Save Mother Nature.

We also look forward to do the same with the Canadian data if we get our hands on to it.

Submitted by:

Mohit Asija,0734856

Gurmanjit Singh Sahni,0734775

Pratik Prashant Teredesai,0734870