

# Week 9 Assignment- Vega-Lite Maps

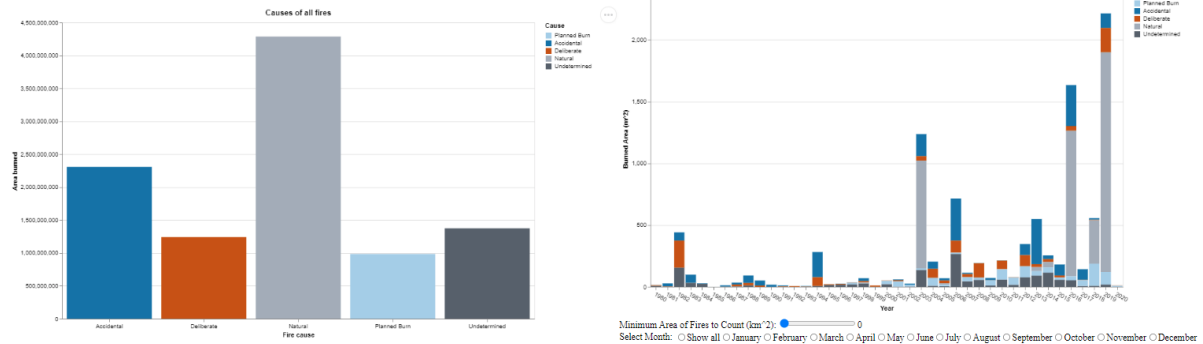
Josh Duff - 29733235

Lab: Wednesday 2:00pm

Tutor: Dr Steve Shahbazi

Web page: [https://joshduff.github.io/FIT3179\\_week10/Webpage/index.html](https://joshduff.github.io/FIT3179_week10/Webpage/index.html)

## Bushfire causes charts



### Domain:

The domain of this visualisation will be focussing on Tasmanian bushfires, their causes, how they have changed in recent years and how they have affected the state.

### Dataset:

These two charts show the causes of Tasmanian bushfires since 1980. They also show the total amount of land burned each year.

The data comes from the Tasmanian LIST Open data website, which is a government run website with map-oriented data: <https://listdata.thelist.tas.gov.au/opendata/>

On the left chart is the different causes of fires in Tasmania and how they contribute to the total number of fires since 1980. The right chart shows the total area of land burned each year, and the causes that made up those fires each year.

### Chart Justification

A bar chart is used on the left for easy comparison of values with a common axis. The stacked bar chart is used on the right so you can both compare the total land burned each year (Used total stacked bar) and still see the trends in each cause through the years.