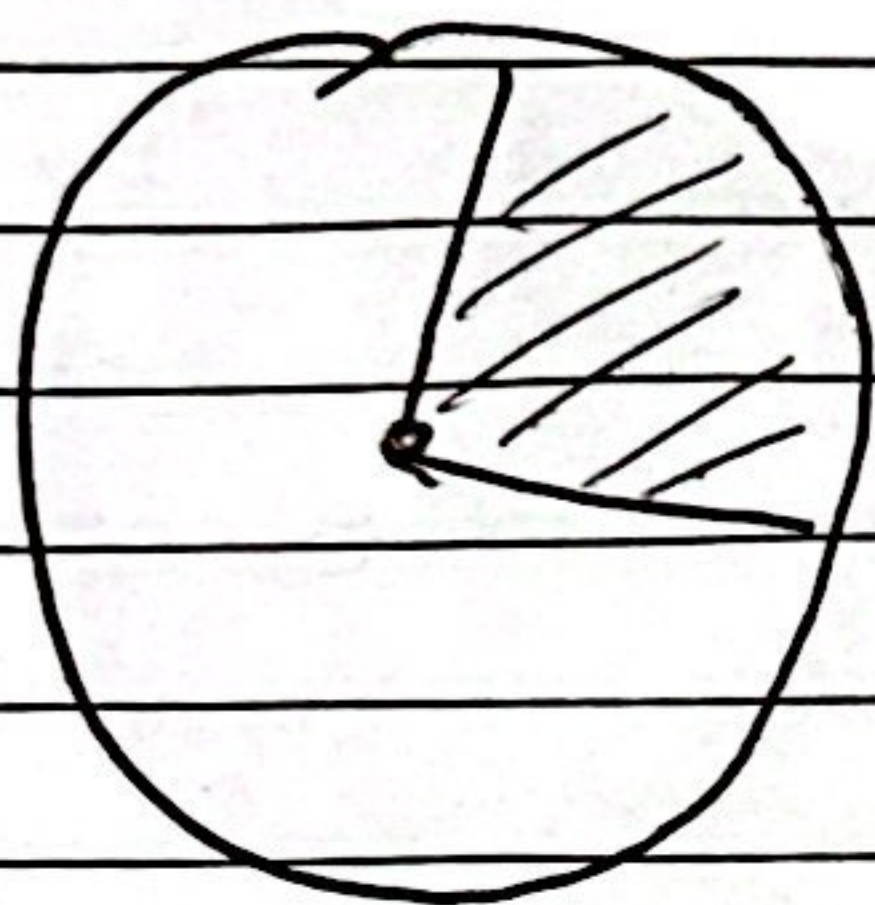
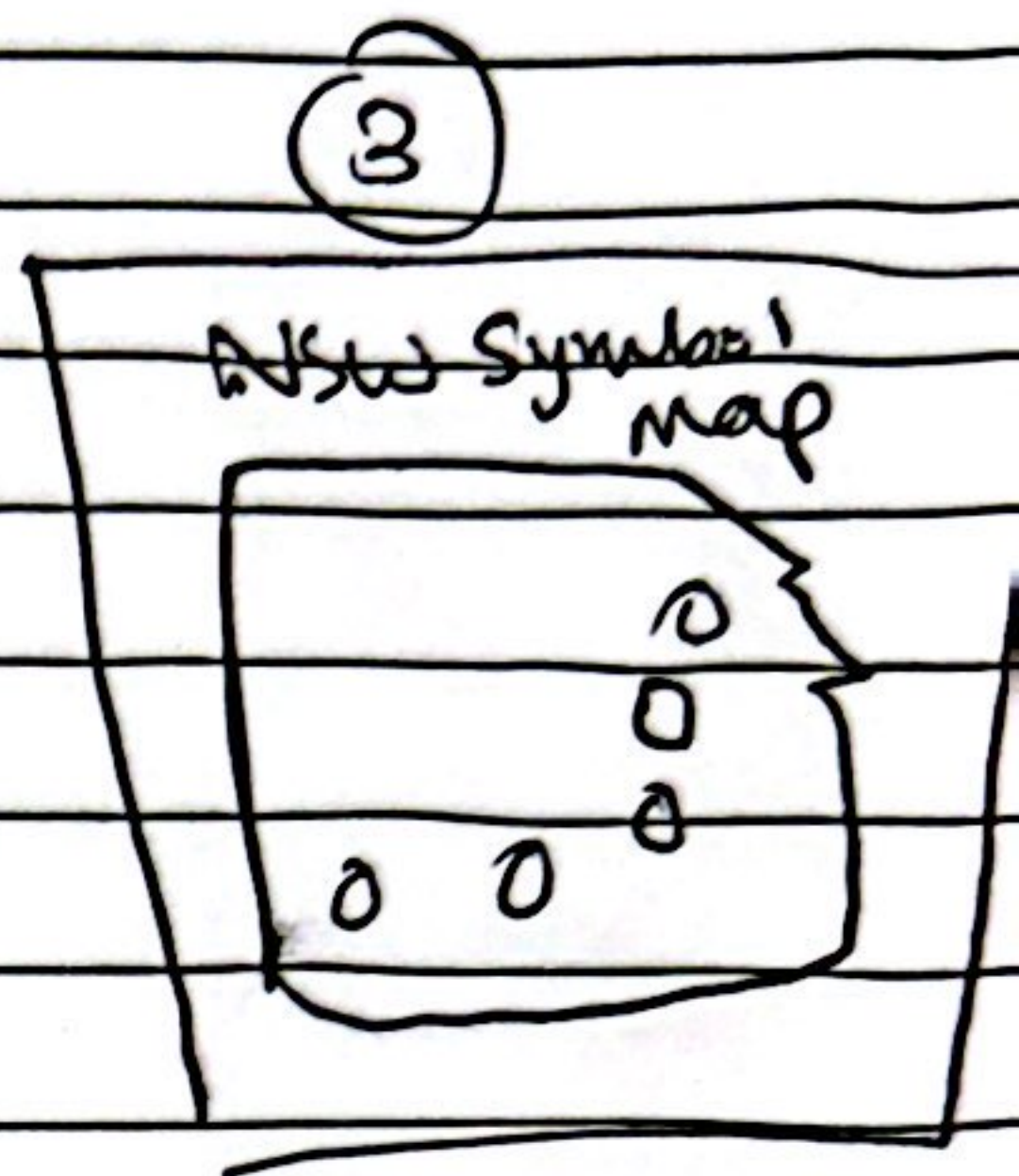
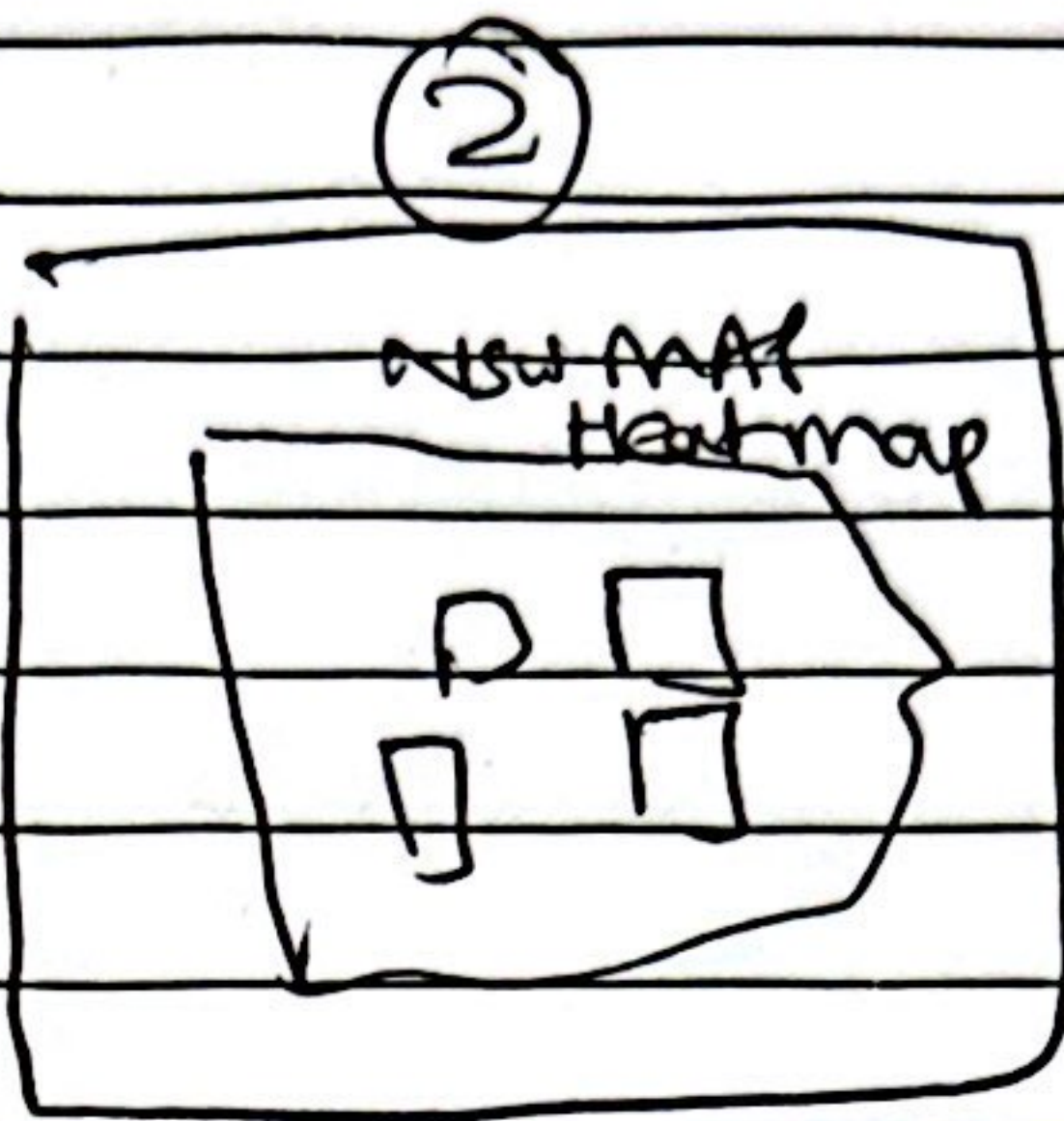
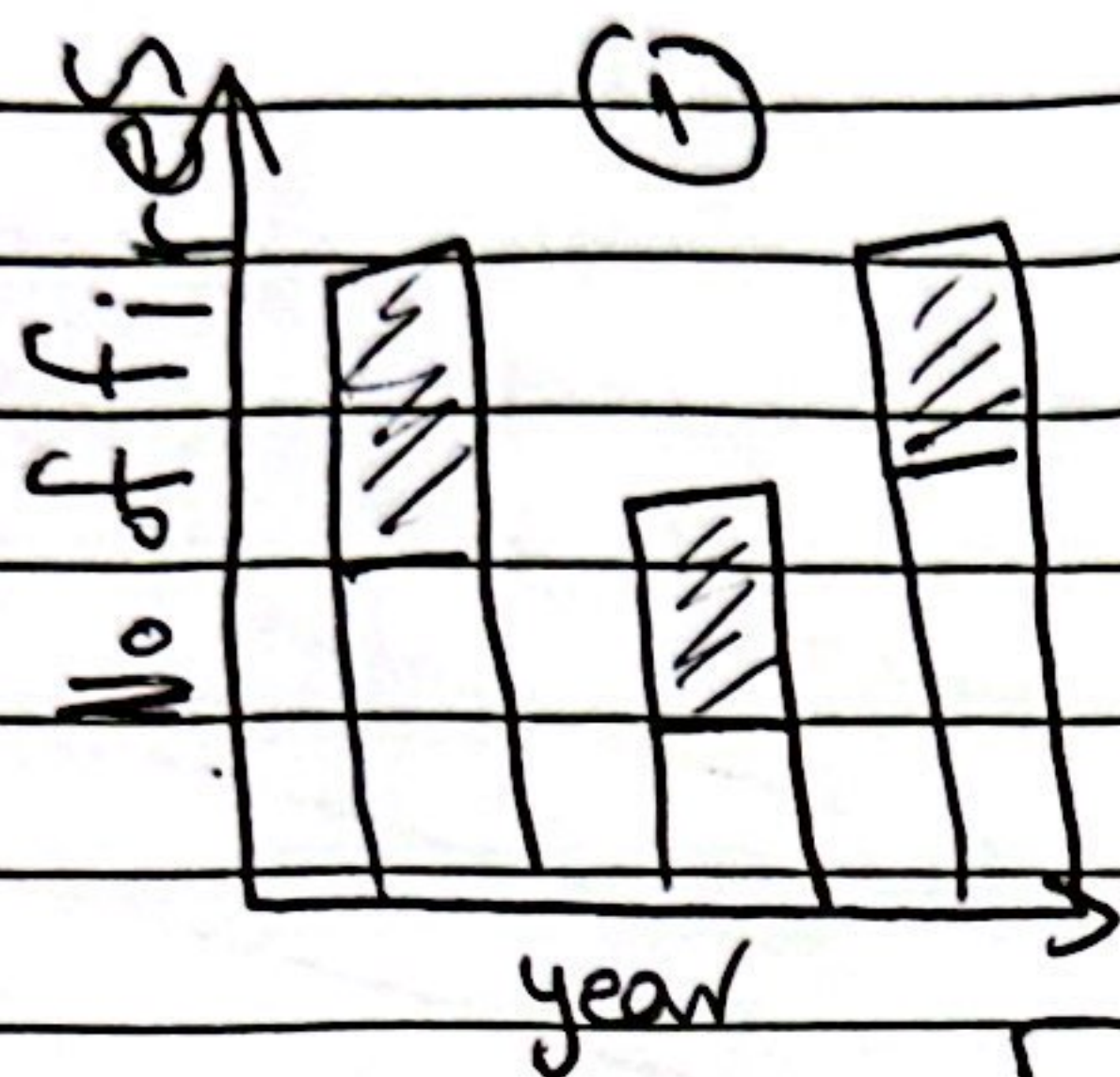


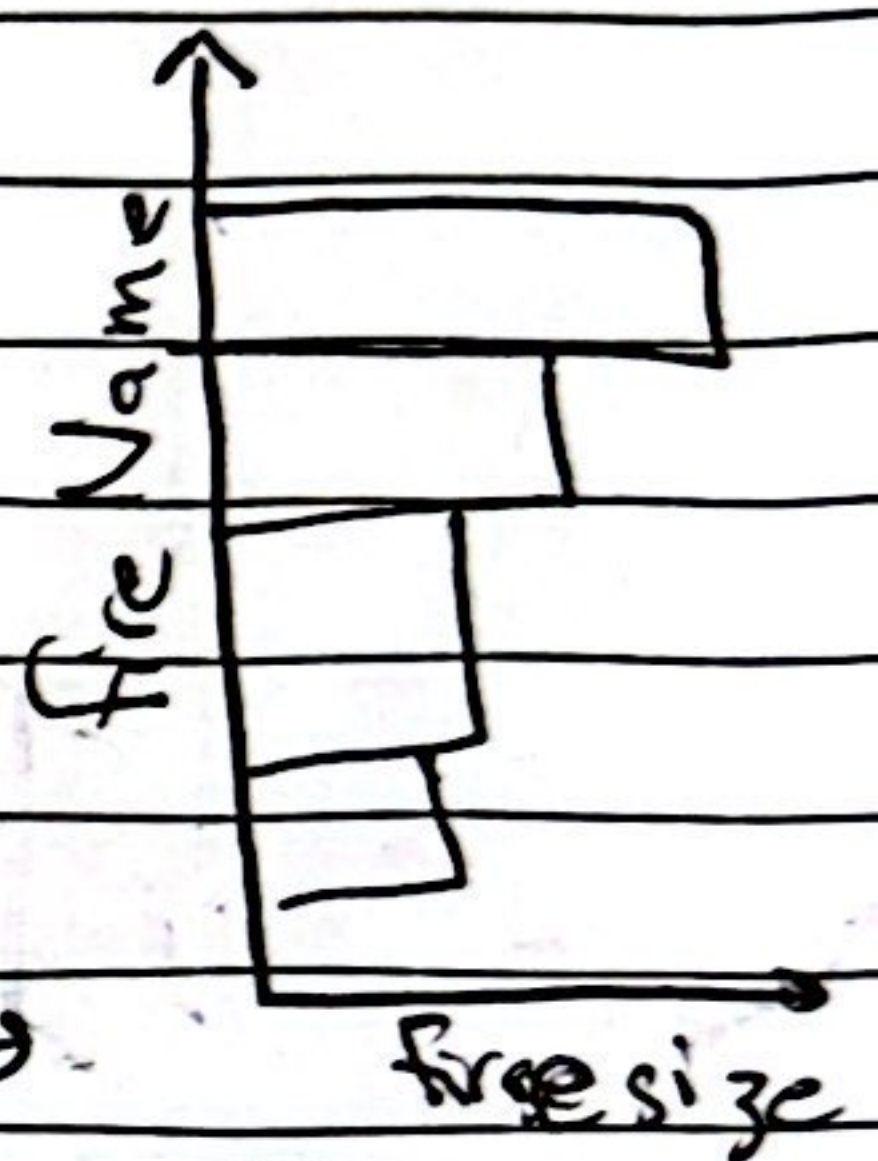
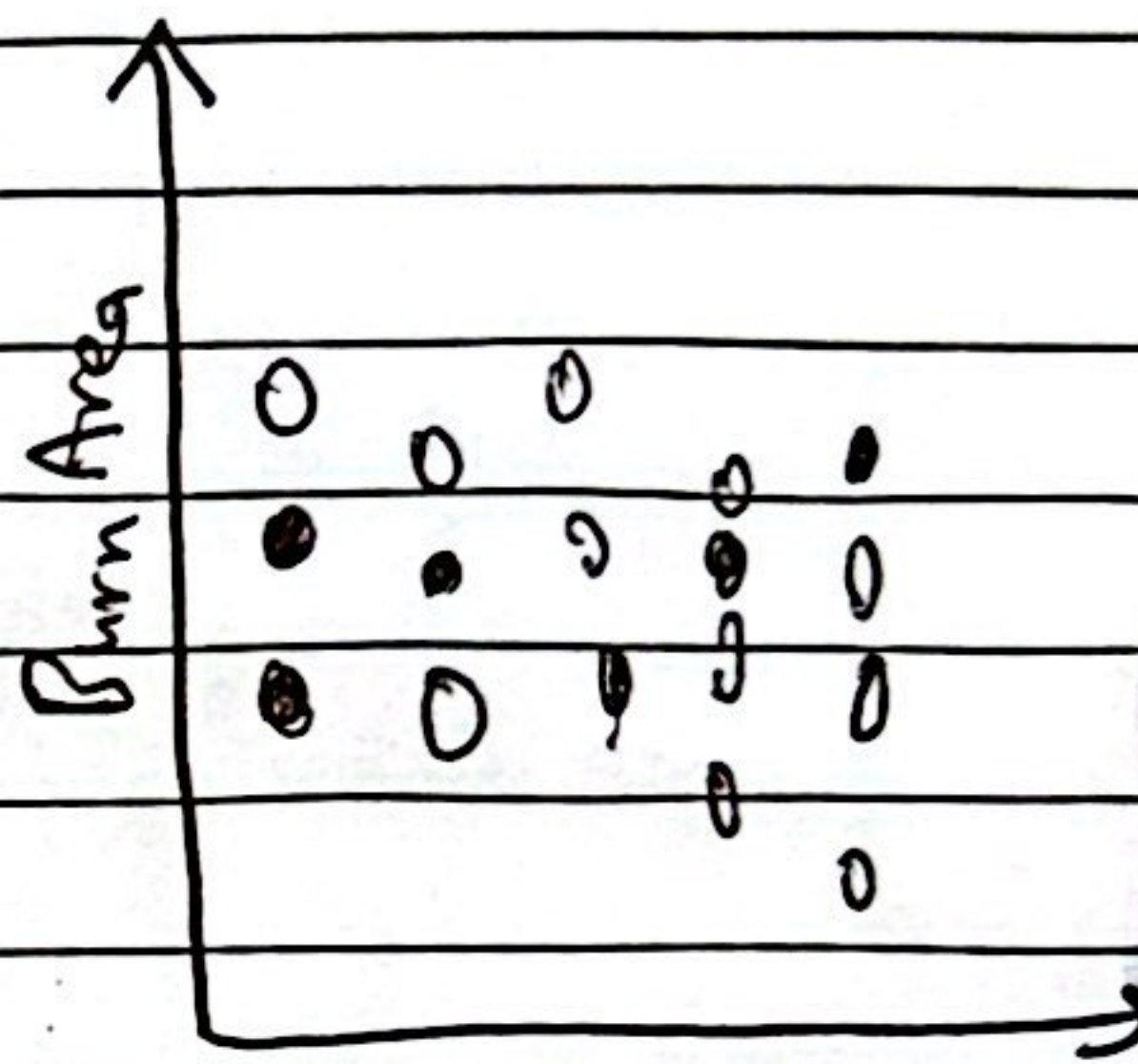
Dated:

SHEET 1.

Ideas:



Wildfire  
Prescribed burn



Filtering idea.

Keeping

①, ③, ⑤, ⑥

Categorize

Group 1

①, ③, ●

Why - The goal is to help policy makers understand ~~wildfires~~ wildfire and prescribed burns trend in NSW from 2000-2020.

Questions:- ~~high risk areas?~~

- What are high risk areas?

- Fire activity trend?

- largest fire incidents?

Removing.

②, ④

Group 2

⑤

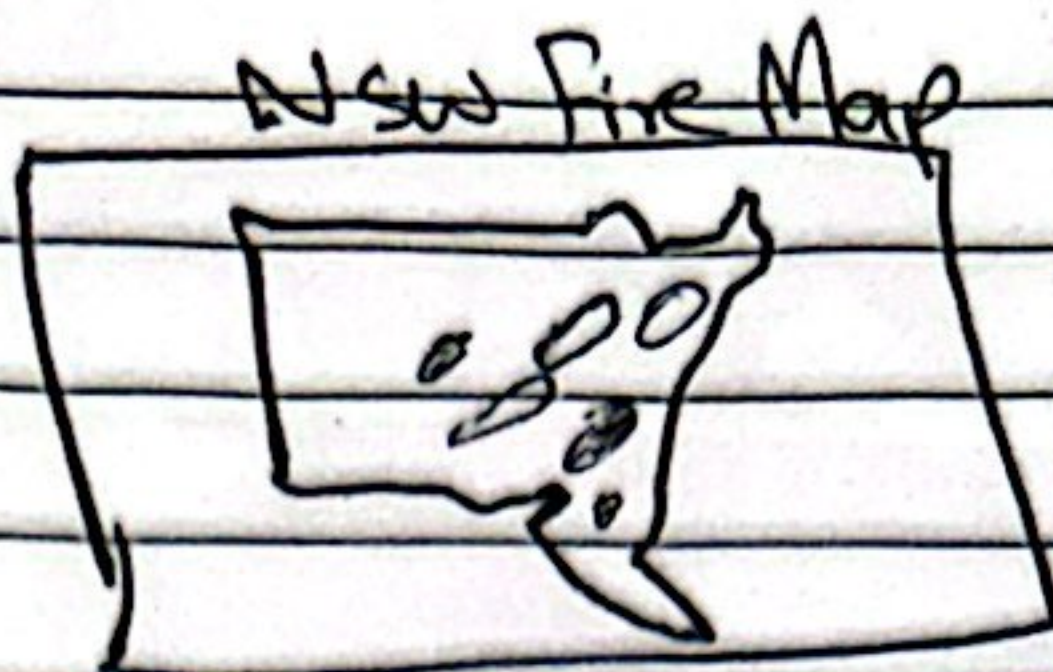
Group 3

⑥

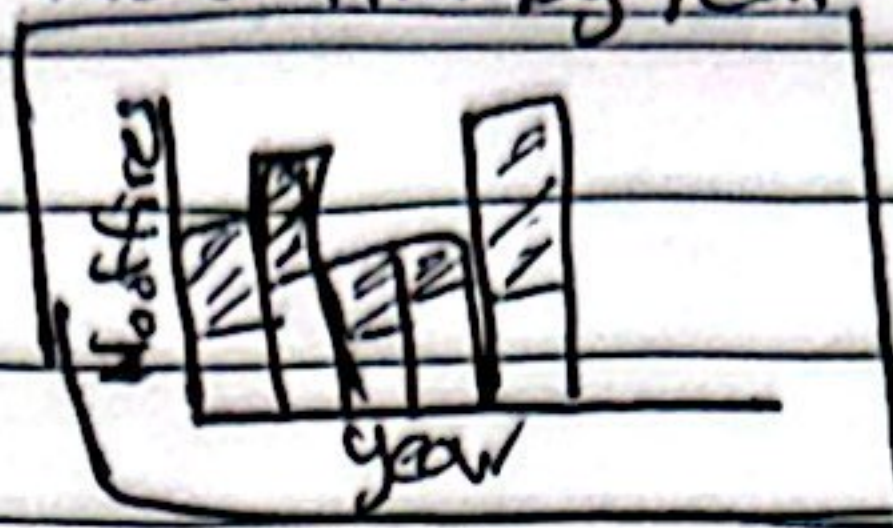


# Layout

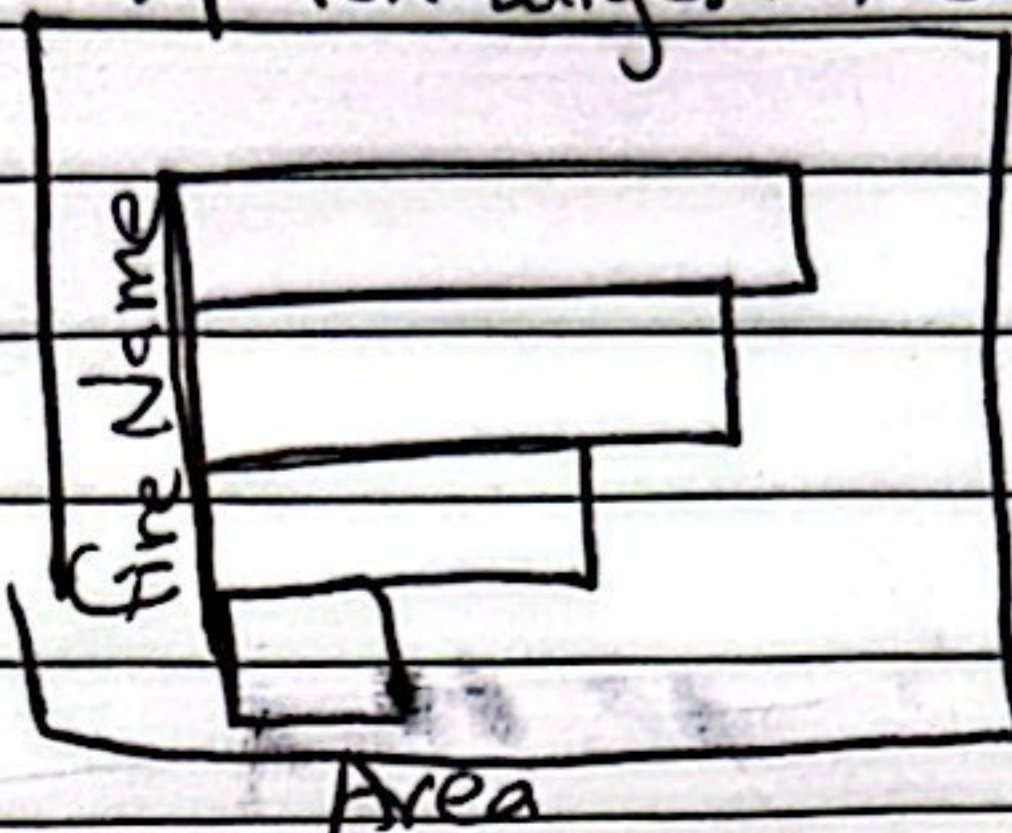
SHEET 2



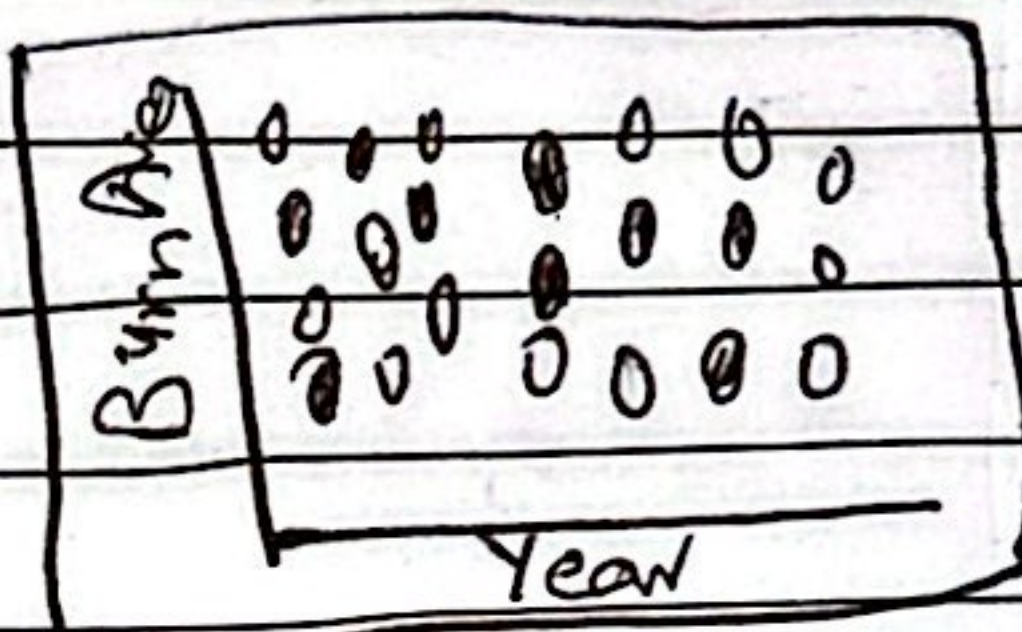
No of fires by Year



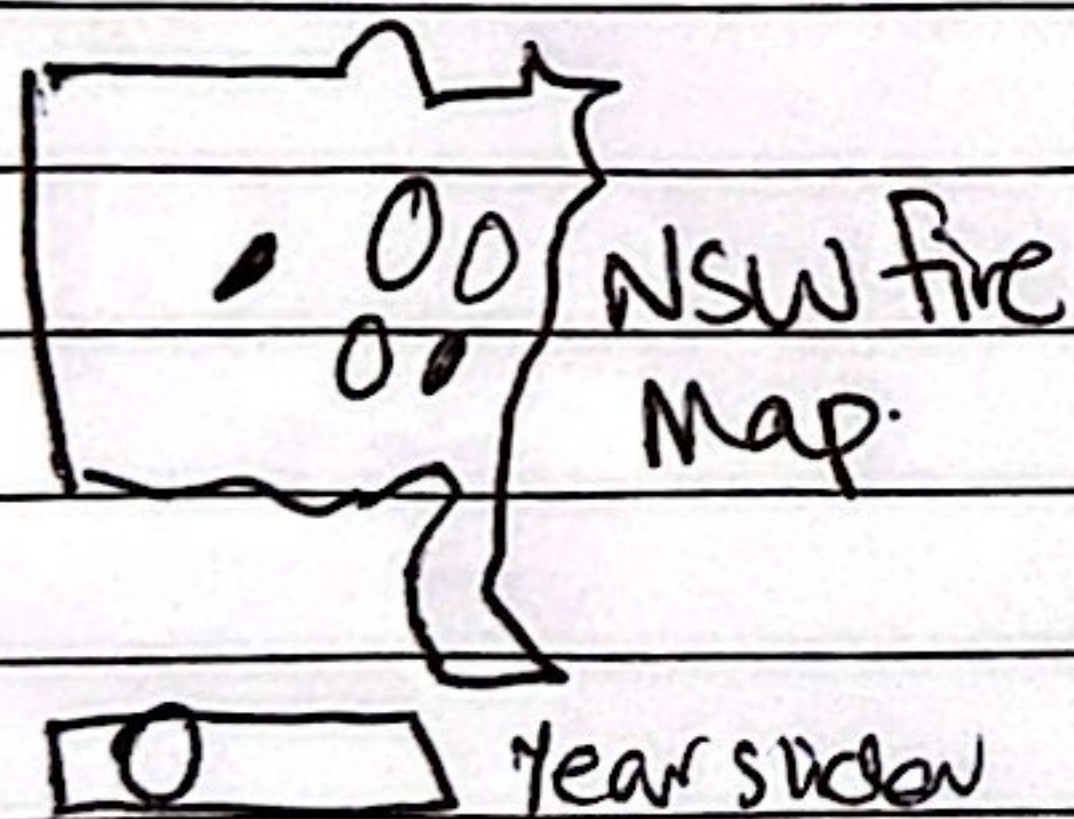
Top Ten Largest fires.



Scatter Plot burn Area Vs Year



## Focus



## Operations:-

- move slider to see by each year.
- ~~popup~~ Use tooltip for more info.

## Pros

gives over all idea

of which area had most fire.

## Cons:-

Doesn't give a reason of fire.

Title :- NSW Fire Map.

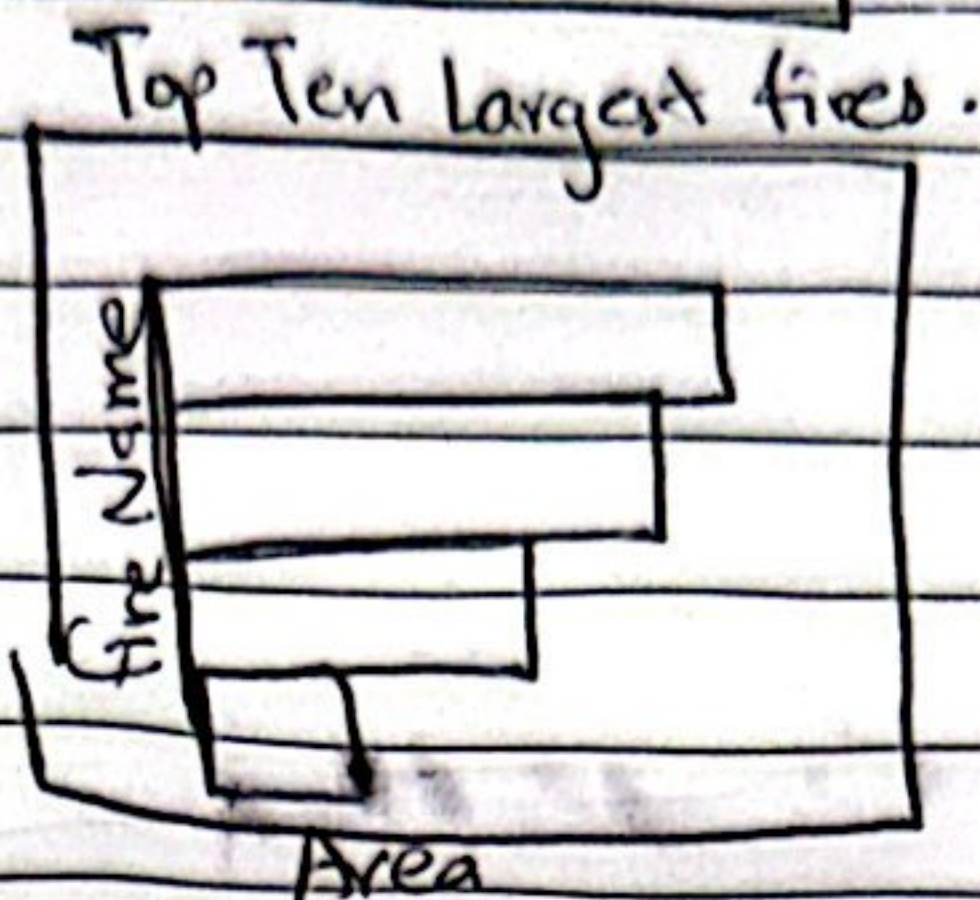
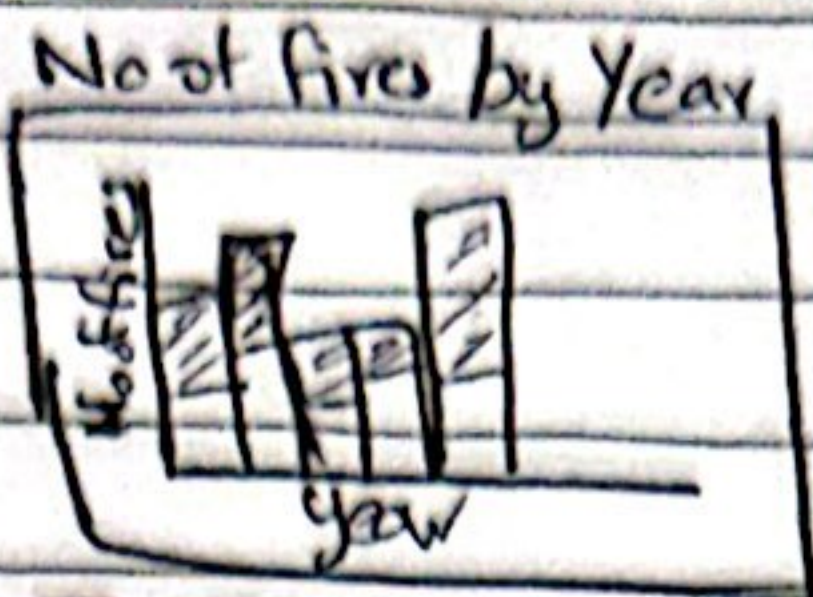
Author :- Areeb

Date :- 20 Oct 2024

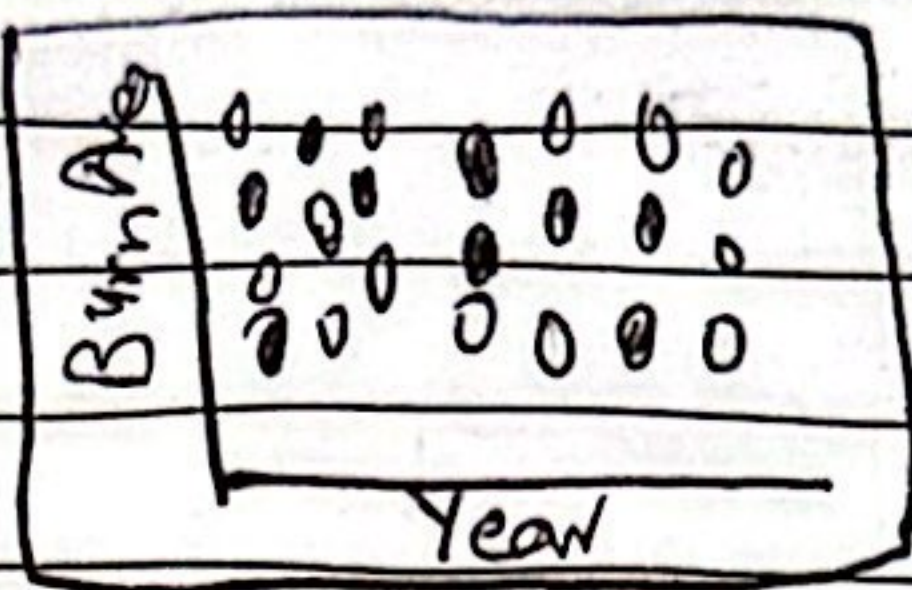
Sheet No :- 2.



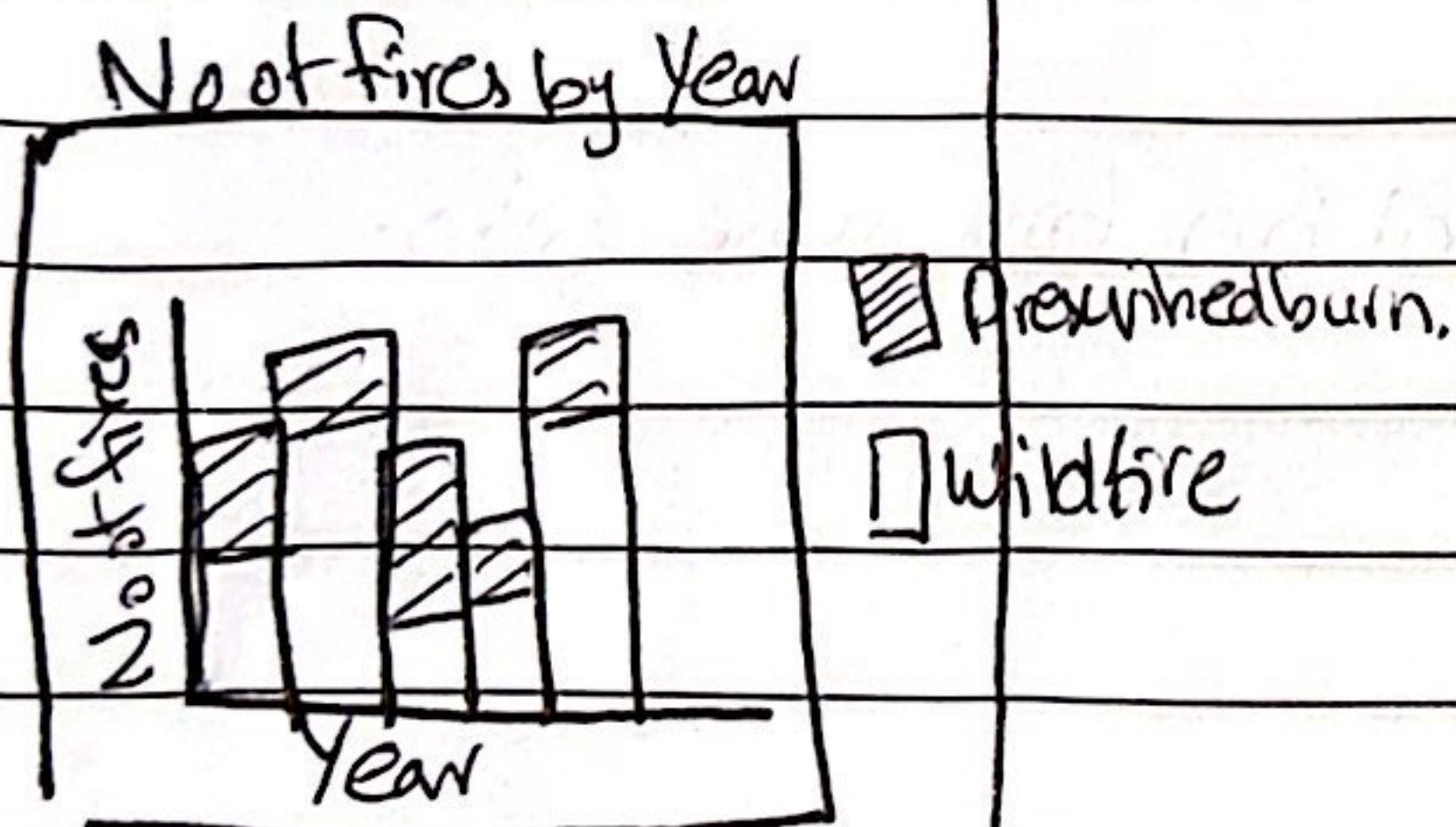
Layout



Scatter Plot burn Area Vs Year



Focus



Operations.

Use Tooltips to view more info.

Pros

Shows proportion of prescribed burns vs wildfires, helping policymakers evaluate the effectiveness of fire management.

Cons.

Might be difficult to interpret.

Title:- No of fires by Year

Author: Areeb

Date: 20 Oct 2024

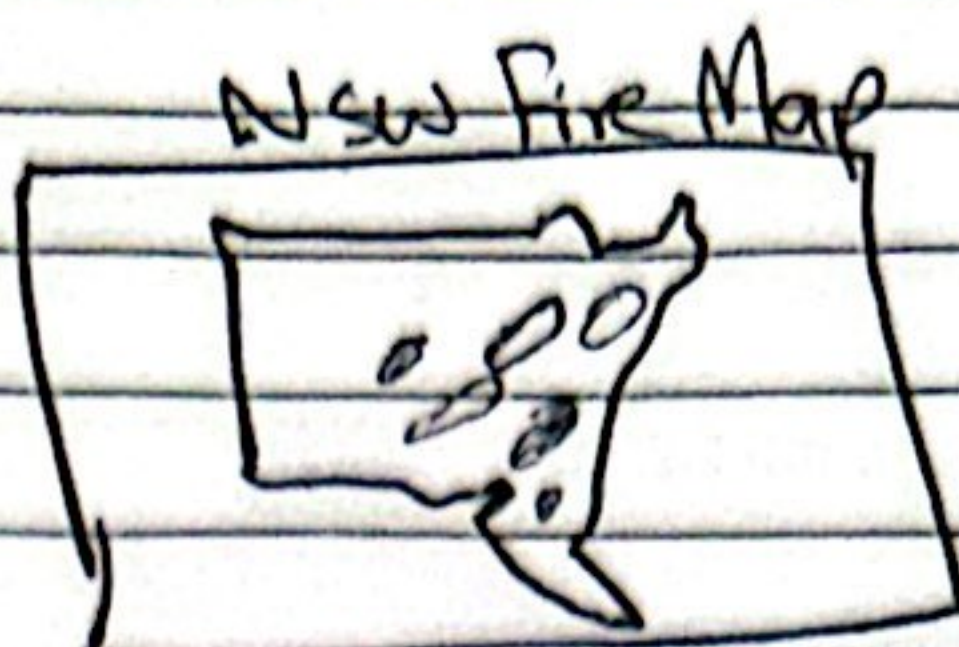
Sheet No: 3



Dated:

SHEET 4

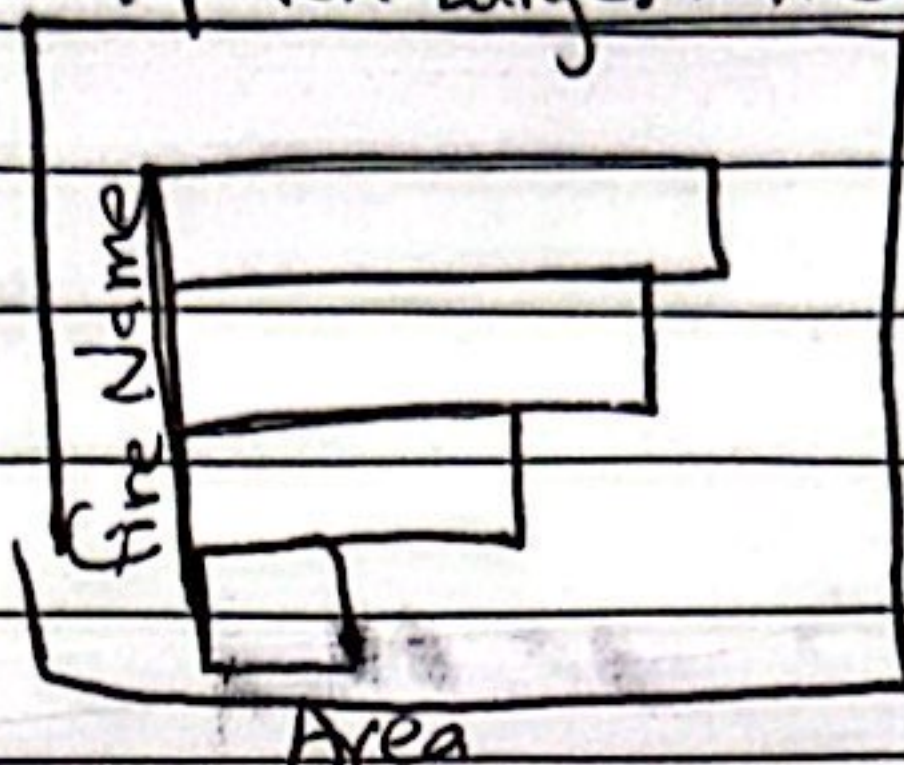
Layout



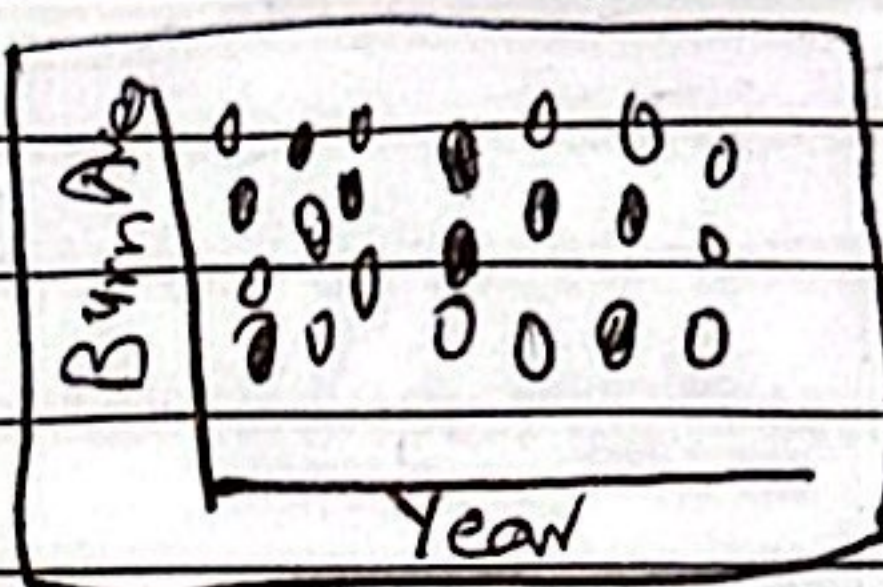
No of fires by Year



Top Ten Largest fires.

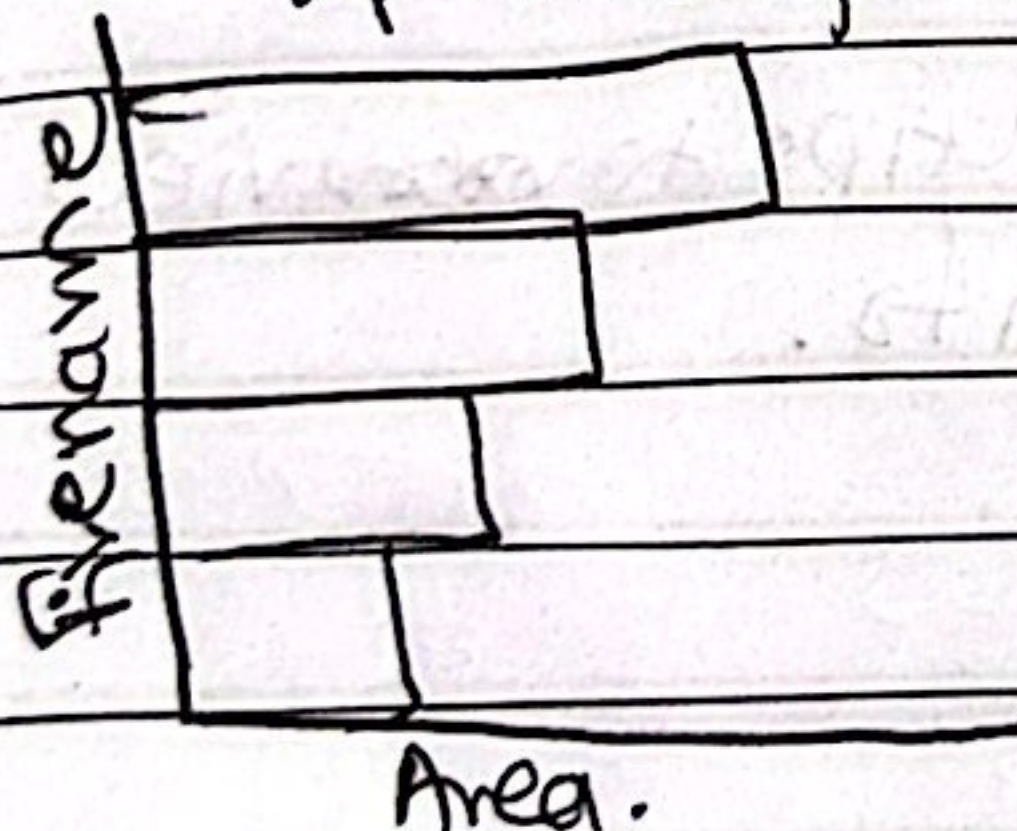


Scatter Plot burn  
Area Vs Year



Focus:-

Top Ten Largest fires.



Operations:-

→ Use tooltip for more info.

Pros.

gives the area for more focus

Cons:-

Maybe outdated

Title:- Top ten largest fires

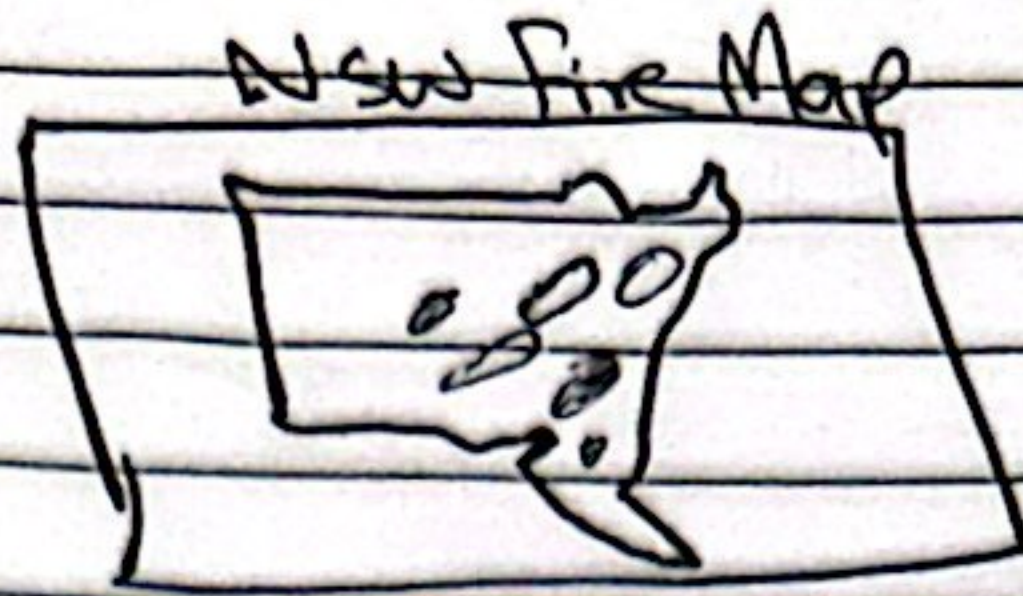
Author:- Areeb.

Date:- 20 Oct 2024.

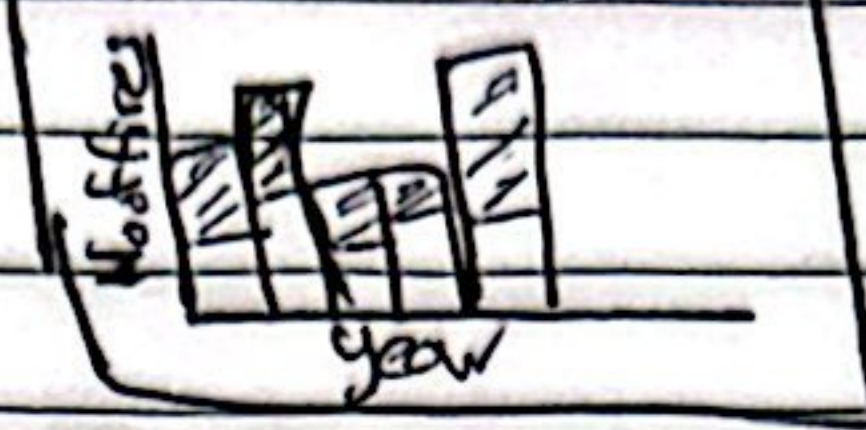
Sheet No:- 4.



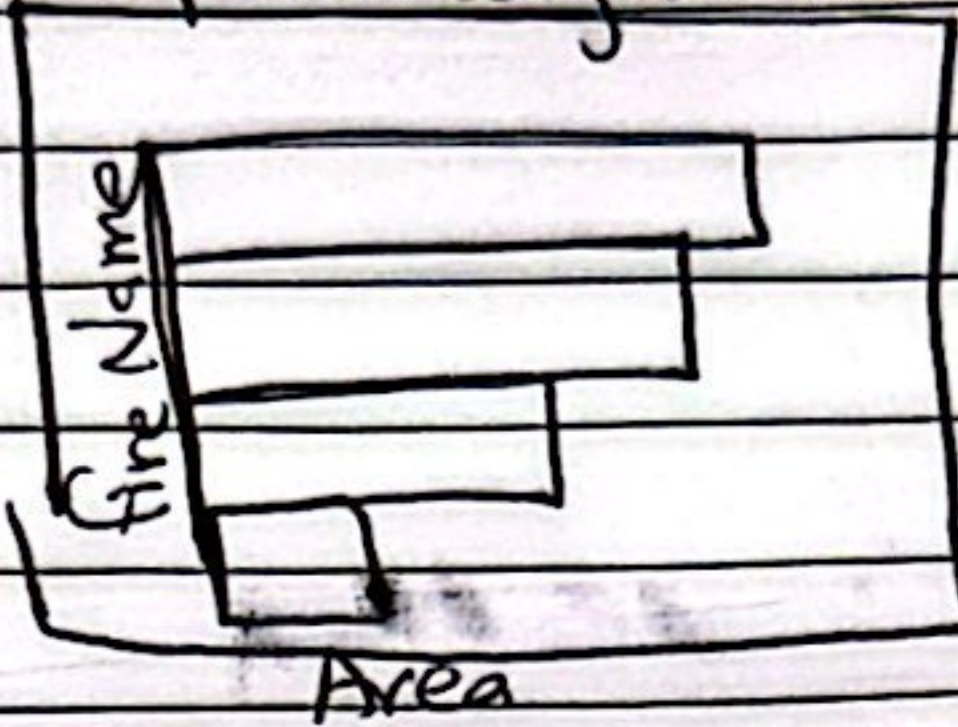
## Layout



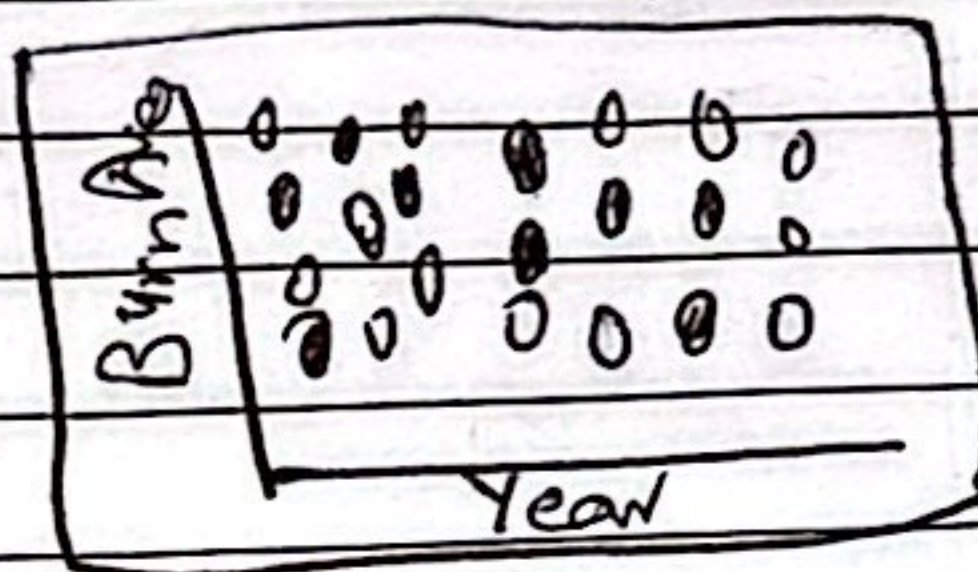
No of Fires by Year



Top Ten Largest fires.



Scatter Plot burn Area Vs Year



## Description of alg/techniques:-

Geospatial Map: Uses Mercator projection with ~~topo~~ topojson

Stacked bar chart.

Scatter Plot: Utilizes log scale.

## Requirements:-

→ Git hub

→ Vs code for development.

→ Laptop to view

## Dependencies:-

• Libraries:- Vega Lite, JS, & HTML.

• Data :- NSW wildfires datasets in JSON/CSV.

• Compatibility:- Modern browser.

Estimation of completion = 30-33 Hours

Author: Areeb

Date :- 20 Oct 2024

Sheet no:- 5