

Map



→ Choropleth Map?
Contour Lines?



Scatterplot



Parallel plots.



Bar chart

Data Used:

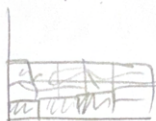
→ Weather
AUS

→ Nasa Bushfire data
detection

→ Total wildfire
forest type report.



Pie/Donut
charts.



Heat Map.



Stacked Bar
chart.



Sankey



Area chart

Filter

- Color to differentiate state.
- Bubble chart for size
Area.
- Use 3-4 colors.
- Comparative (diagonal)

Categorize

- Comparative charts.
- size & color as
a variable.
- Descriptive (diagonal)?



Bubble chart



Treemap

Combine & Refine.

2 Map Marker map



Line chart Matrix

Sankey



Question:

It does
satisfy
solution
as it
gives a

visually effective representation
of the bushfire data.

Layout

Forest Burnt in Aus.



Title: Fire Vis.

As: Ficus

Author: Patrick

Dyal

Sheet 2

11/12/24

Operations

Highly interactive

Emphasises main
bubble chart.

Size Area Percent.

Small charts
below

→ How visual
language

Focus.

Show the excessive size of all
the destruction caused by
wild fires.

→ Bubble chart involved to illustrate
unique aspects of

→ Could use more geographical
tone.

Discussion

Pos.

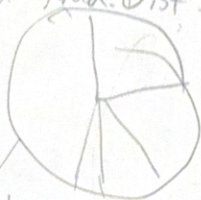
cuts is the point
very quickly
simpler graphs.

Cons

Low amount of depth
Not visually appealing.
No map

Layout.

Burnt Area Dist.



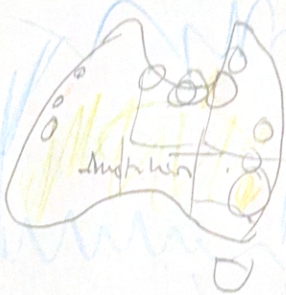
Annotation

Proposed

Tree map of burnt trees.



Fire distribution map.



Stacked Bar chart.



Title: Fire data
Subtitle: 11/10/21
Author:
Prudent Dyal
Sheet 3

Opinion

Map → Shows
all detected
fires within
a time span.

Pie → Shows
total area a
by state, burnt
& total.

Finds.

No clear finds, its objective
is to give a decent overall
view of patterns.

Finds on indicators of wildfires
in the map & s. bar chart.

Discussion.

Pros:

Alot of good information
Simplistic design.

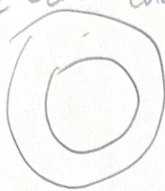
Even proportion.

Cons -

No visual hierarchy.

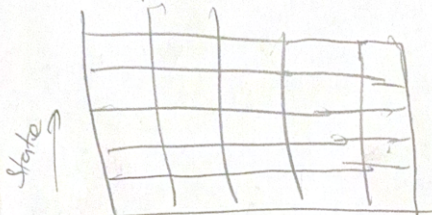
No clear storytelling
game.

Layout - Fine Visualisations
Comparative Donut Chart.



London

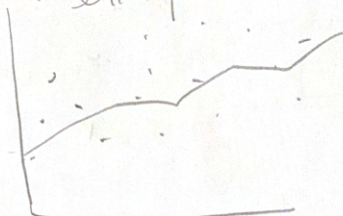
Heat Map of Risk.



Palette ideas.



Rainfall
North
scatter plot



Scroll
able
on
website.

Author:
Prakrit Rajal
Sheet 4. 11/10/21

Operators.

Allows for
Comparison
of different
types of
hazards in
dropdown.

Heatmap
was interactive.
Buttons for
pick comparison

Focus.

Heat Map is stakey word,
so you end highest risk stake & time
of year.

Rainfall is another indication of bushfire
risk.

Permission

Pos

Scroll menu.
Palette options.
Story telling
genre.

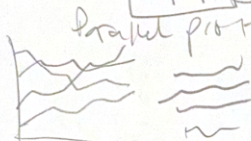
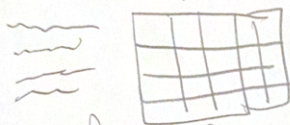
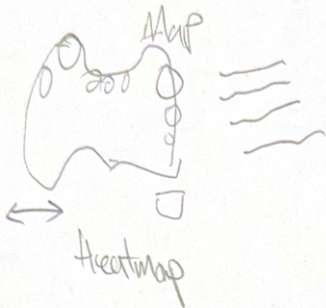
Cons

No Map.
could be simple

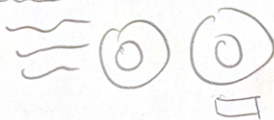
Layout.

Frame & Forecast

↓ Scroll



Point Chart



Author Patrick Dayal

11/6/24

Operations

slides for Map to select a specific range.

Dropdown comb for comparison

Layout so parallel plot does explaining to why specific states high risk.

~~Discussion~~ Focus

Map first as it's important for visual understanding.

Heat map & parallel to show risk factor.

Point chart at end to show the outcome of that.

Discussion.

Pros

Simple, effective visualisation to understand.

Modern, & info dense - links back to films.

Cons

Hard to grasp.