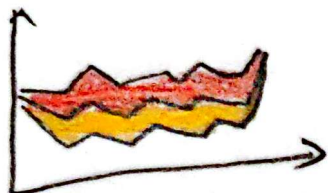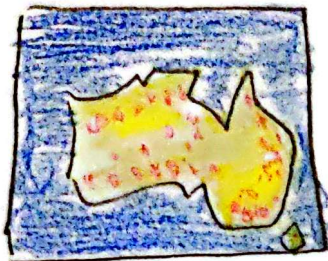# IDEAS

Fire data visualisation based on location

Streamed graph for FRP over time

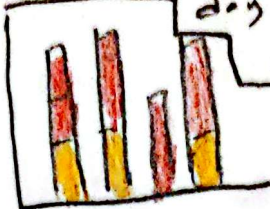Multi barchart for day and Night data

fire brightness over time.
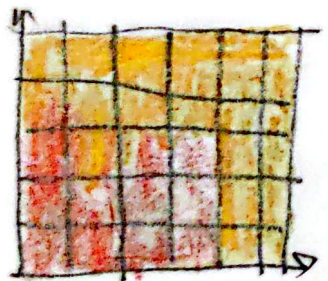
Heatmap for brightness based on location
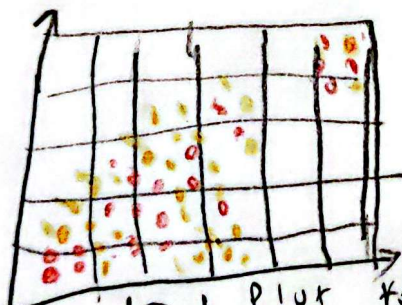
Dot Plot for FRP vs brightness

Combine and Refine

select of data, column
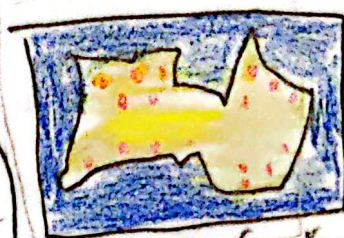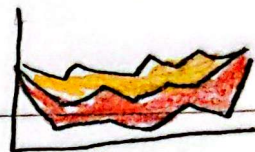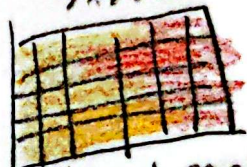
FILTER

Map for fire loction
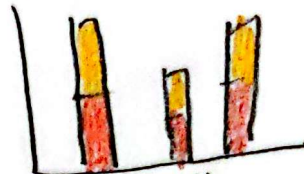
Multi bar chart

Stream graph

Heatmap

Categorize

get locations or fire incidents

get day and Night FRP brightness level

get FRP over time.
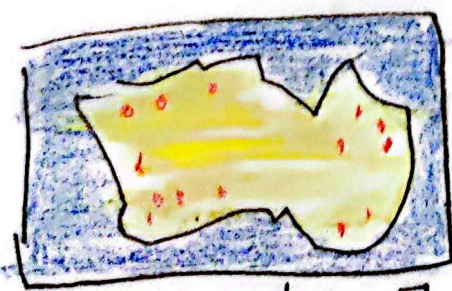
• Zoomable map
• Date filter to see fire incidents by date
• can see all dates as well

LAYOUT

Dash board the Map

Zoom

low
medium
High
very high

FRP

Select all dates ☐
choose date ▤

Description

Operation

Map visualisation of fire incident data
marker on the map the.

data point s mark the
location of the incidents.

legends

low
medium
high
very high
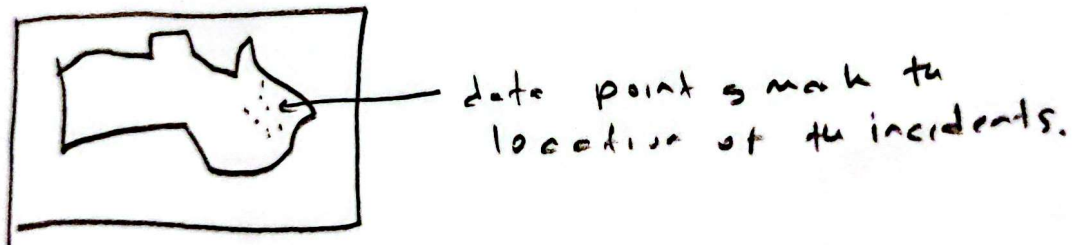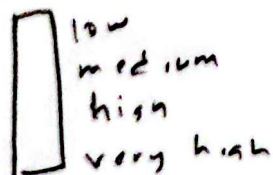
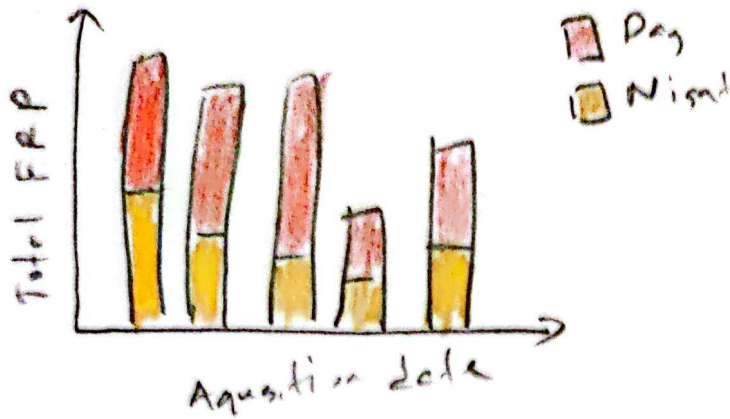← shows the level of
brightness based on
colour

O
O
o
o
FRP
level

← The size of the data shows
the level of FRP

- ☆ function to select all dates to display
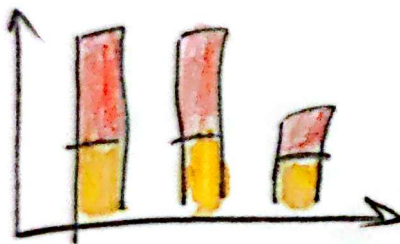- ☆ Function to choose which data to show.

LAYOUT

Total FRP

☐ Day
☐ Nisnt

Aquisition date

Select Day/Nisnt ☐✓

Description

Operation

Select [ALL]

← can display both day and Nisnt data
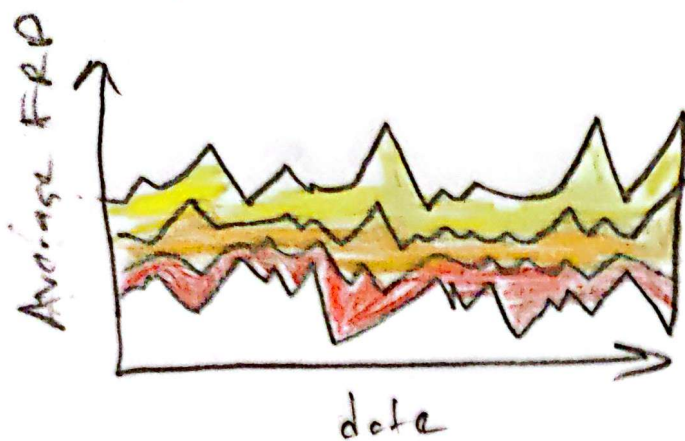

Select [Day]

← display on day date

Select [Nisnt]

← display only Nisnt data

Title : Dashboard

Author : Nathan Nasser

Date : 05/10/2021

Sheet : 3

Tash : fire data visualisation.
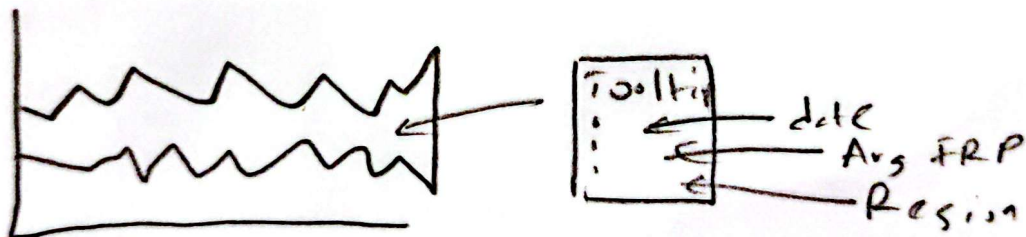
LAYOUT

Average FRP (y-axis) vs date (x-axis)

Legend:
- New South Wales
- Queensland
- VIC
- Western Aus
- Northern territory

Operation

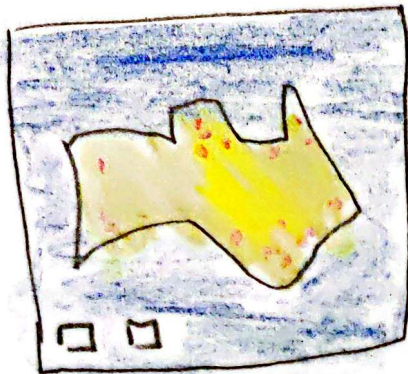this show Average fire radiation power over time with regions of Australia

Tooltip
- date
- Avg FRP
- Region

☑ Select region

filter to to allow uses to filter by specific region

FOCUS

- on displaying Average FRP through time in each region.

LAYOUT

low mid high very his

Descripti

Date

Desc...

Date

Descripti

date

Descripti

← Heatmap to
visualise
brightness based
on region and
date.

Operations

Map
- zoominable
- Select between
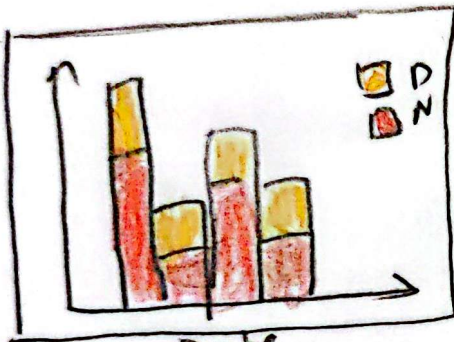 all datasci
- Select specific
  date

bare chart
- Select between
  Day and Nish
- changes data
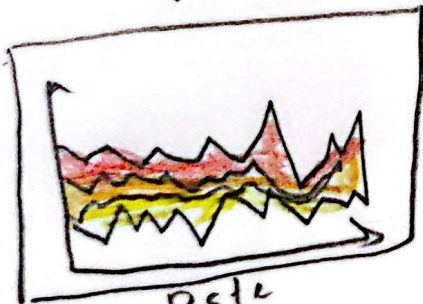 shown
- Stream graph
- tool tip with
  meanifal data

Heatmap
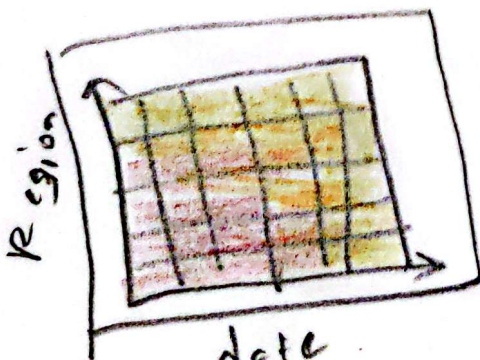- shows brightness
  based on region
- No interactivity.