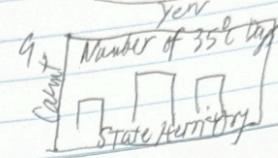
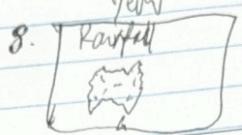
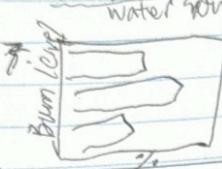
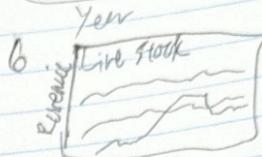
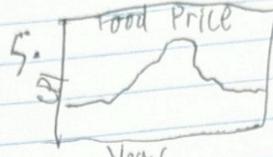
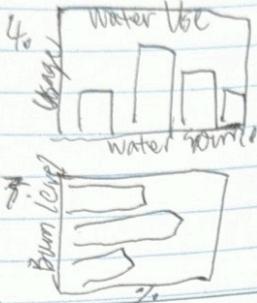
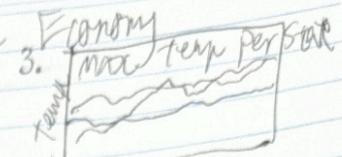
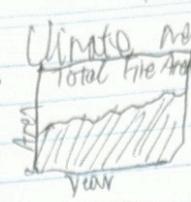


Sheet 1 W.S 10/10/25

Ideas - Australia's

1. Avg temp



Filter
Discard 3, 8, 9 due to repetition with other graphs covering the same message

1, 8, 4

Categorised

- 1, 2, 7 is related to heat/weather
- 4, 5, 6 is related to economy

Combine & Refine
4. can be stacked bar chart with years as the colour
Can add annotations to time-series graphs

Summarize & Question

- Is there a story with these graphs?
A: Yes, can explore impact of climate on economy Australians

Sheet 2

Layout



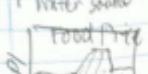
Where is the
Hottest Place in Aus?



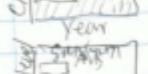
Is Australia
on Fire?



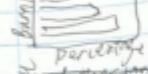
Drought and
water usage.



Natural Disasters
and Food Prices



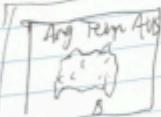
Bushfires and
Australians: Are
we getting burnt?



Drought and
livestock exports.

Focus

Side-by-Side Story



Where is
the hottest
place in
Aus?

graph left

"Story" right

Sheet 2
J.S 10/10/25
Australia's Climate & the Economy
Comments

• Filter Month
 for Map

• Filter State
 Tasmania
graph

→ shades
or filter years for
time series graphs

Pros & Cons

- Easy layout to follow

- Graphs are visible
and easily interpreted

- Layout is clean,
visually engaging

- Not enough
interactivity

Sheet 3

Layout

What is Hot in Aus?



Is Australia on Fire?

Total Fire Area

Drought

Water Usage

FAIF

Water Source

Sunburn and Australians

Burn Capacity

Percentage

Natural Disasters & Food Prices

Year

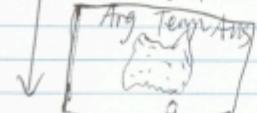
Drought & Livestock Exports

Year

Focus

Top-down scroll like news article

Where is Hot in Aus?



Sheet 3
J.J.S 18/10/15
Australia's Climate
and the Economy

Components

Filter Year

NSW Click to filter
ONSW

Totals → [Total Partial Year]

Annotation → [Image]

Pros & Cons
• Easy layout
to follow
• Lots of interactivity

• Could we have
more variety in layout
combinations if
top-down and
side by side column.

Sheet 4 Layout

Heat - Is Australia Warming Up



Economy - How has the climate affected the economy?



Focus
Separate categories of graphs

i.e. Heat vs Economy

Sheet 4
ITS 10/10/25
Australian Climate
and the Economy

Components

Select - for Map, Sunburn,
Livestock

Filter Year
Slider

Toothpick
Year 2
Year 2015

Arbitration
Read

Pros & Cons
More engaging story
Lots of interactivity

Cave.
Not enough
supporting text
for graphs.

Sheet 5

Report

Where is Hot in AUS?

Are there
any maps

Is Australia on Fire

Year

Drought & Water Usage

Water usage

Natural Disasters & Food Prices

Food prices

Year

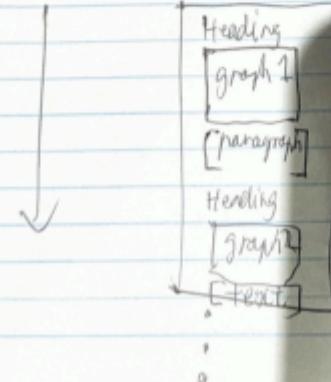
Drought & Livestock Exports

Livestock exports

Year

Focus

scroll-down, "news-esque"
visualisation



Sheet 5

JTS 10/10/25

Australia's Climate
and the Economy

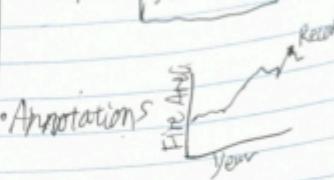
Component

• Select for map, snackbar,
livestock graphs

• Tooltips

Temp °C
Year 2011

• Annotations



Pros & Cons

Details

Time to create: 1 week

Requirements:

- VegaLite
- Vega
- GitHub
- Vega Viewer
- Line Server