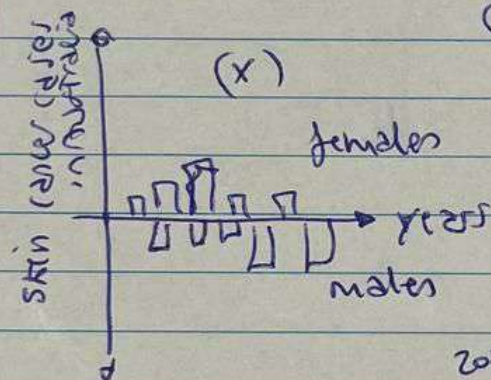
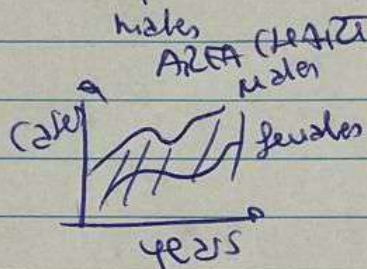
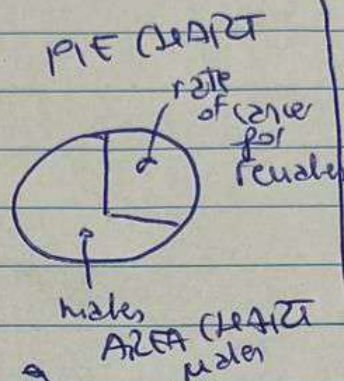


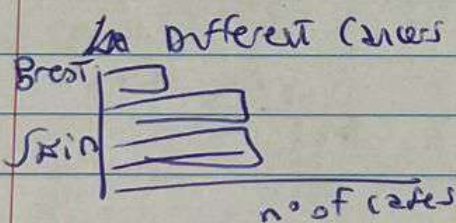
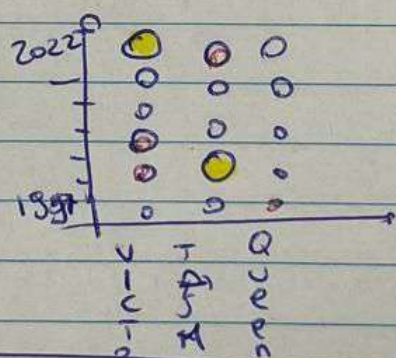
# IDEAS



Australia's map  
with skin cancer rate  
per state



COUNTS PLOT  
○ = n° of cases



Title: Skin Cancer  
in Australia

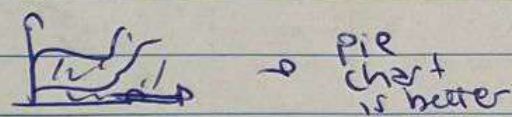
Author: Chiara Venditti

Date: 1/10/2024

Sheet: 1

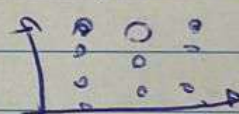
## FILTER

Area chart not the best  
to show different % between  
females and males



COUNTS PLOT  
hard to understand  
and visualize

line chart more effective



## CATEGORIZE

- 1) MAP
- 2) TREND per year
- 3) Female / Male

## COMBINE/REFINE

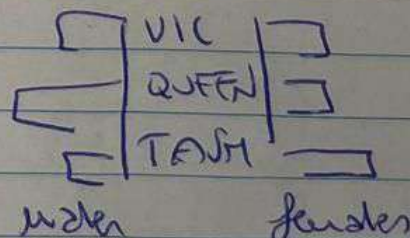
Line chart better than  
bar chart for trends



to highlight  
increase in the  
trend

## QUESTIONS

Is a butterfly chart  
better than chart (x)  
to show differences  
in cases between  
females and males?





# LAYOUT

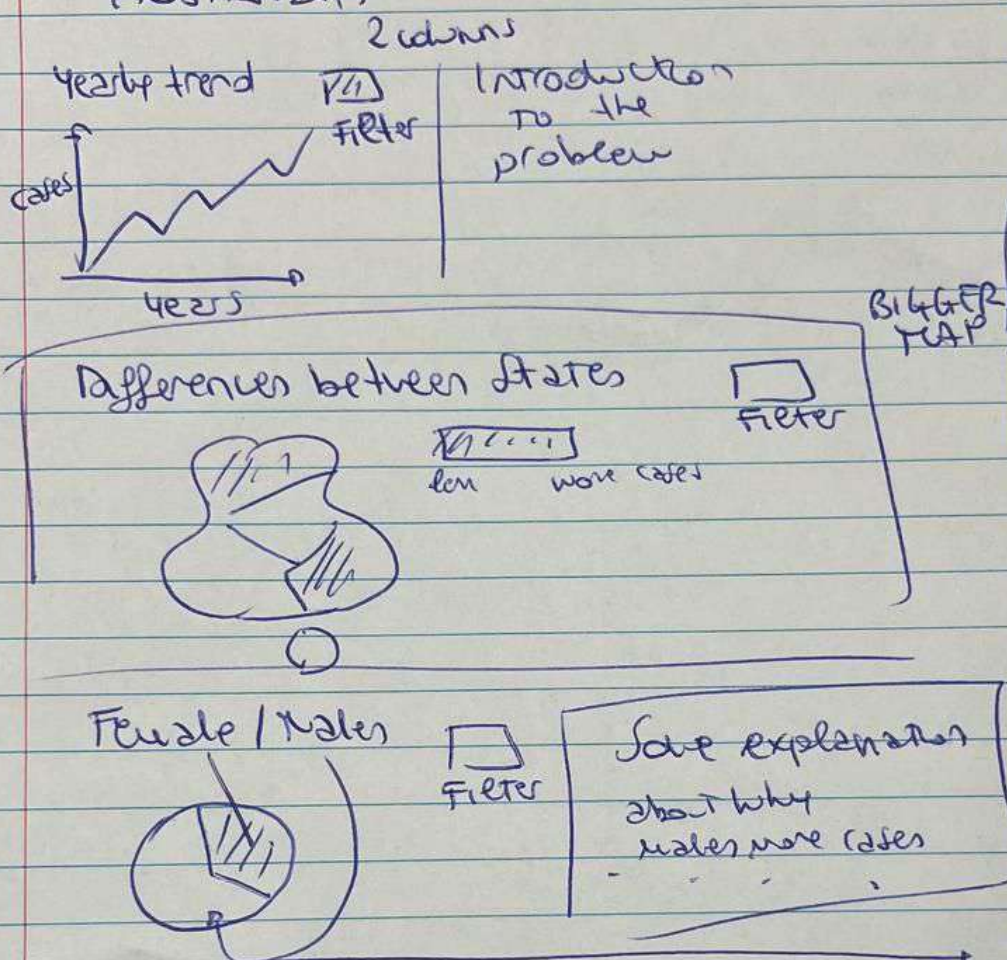
## SKIN CANCER IN AUSTRALIA

Title: Skin Cancer in Australia

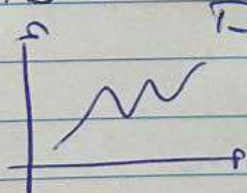
Author: Chiara Venditti

Date: 1/10/24

Sheet: 2



### FOCUS



Don't the yearly trend!

Add text on the side for storytelling

filter to show Females, Males, or All

### DISCUSSIONS

PROS: • more vertical → no need to scroll horizontally

• highlights yearly trend

CONS:

- Not a duplex layout
- Not complex graphs
- Not very creative.

### OPERATIONS

All filters can change between Females / Males / All

- marks the year you are hovering over

- Tooltips for line chart / map says year (state) cases for females cases for males cases for all

- Tooltip for pie says % of cancer for gender and yearly range



## LAYOUT

Title: Skin Cancer in Australia's States

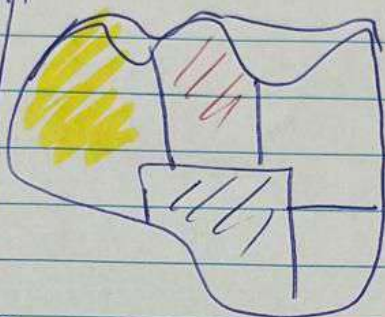
Author: Chiara Vendetti

Date: 1/10/2020

Sheet: 3

## SKIN CANCER in Australia's STATES

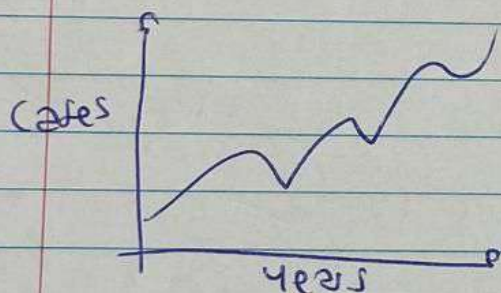
Some Introduction



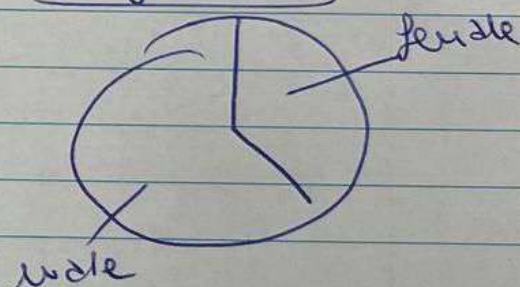
small big  
n° of cases

More  
Text . . .

TREND



Gender



## FOCUS

The focus here is on the difference between states and the TEXT can be about why certain states have more cases than others.  
len TEXT → len storytelling

Pros:

- more eye-catching

Cons: • less storytelling

## OPERATIONS

- can change years in the time plot
- Tooltips like sheet 1
- can change between Female / Male / All



## LAYOUT

Title: Skin Cancer in Aus's States  
Author: Chiara Venditti  
Date: 1/10/2024  
Sheet: 4

### Skin Cancer in Australia's States

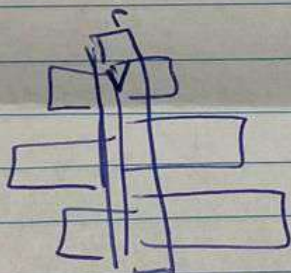


legend  
little  
n° of cases big

TEXT

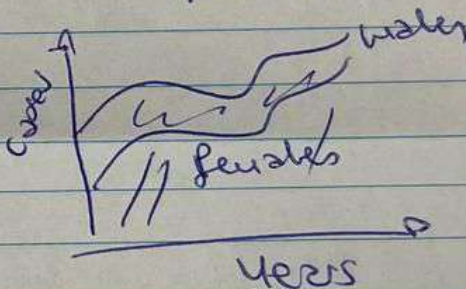
### Gender

states



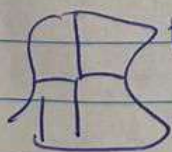
Female Male

### Trend



### Focus

Focus on States and Gender  
→ less focus on trends!



Filter To Switch  
Male / Female / All

### Discussion

- Pros:
- more aesthetic
  - less storytelling
  - more simple
  - nice layout

- Cons:
- less storytelling
  - Area chart might not be best choice

### OPERATIONS

- Filter Male / Female / All
- Tooltips  
interactive  
link previous sheets
- For the butterfly chart can change the states showed



## LAYOUT

based on sheet 2 and 3

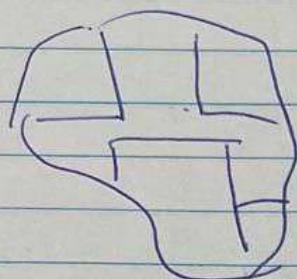
Title: Skin Cancer in Australia

Author: Chiara Vendetti.

Date: 1/10/24

Sheet: 5

## SKIN CANCER in Australia

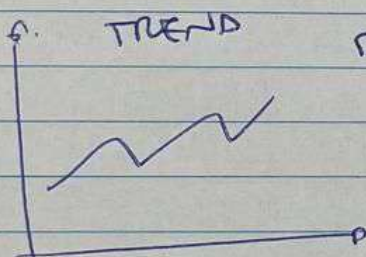


filter

Introduction

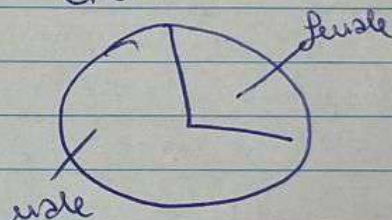


legend



filter

GENDER



## FOCUS

All graphs same size!

→ No main focus on anything

But lots of text space

→ more storytelling!

## OPERATION

• Same tooltips as sheet 2

• Can change years

• Can change to  
Female / Male / All.

## DETAILS

Dependencies: ~~Excel~~ Excel to clean data  
Vega Editor, HTML,  
CSS programming

## Estimated the effort

→ Not long for line chart and  
pie chart (2h)

→ More time for map (2h)

→ lots of time for interaction (1 day)

→ lots of time for layout/text  
(2 days)