

# 1. IDEAS

→ Map of Future Land Use in VIC & Population

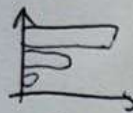


~~Choropleth~~

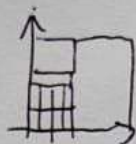


Dot Map

→ Fixed Area of land development & Population

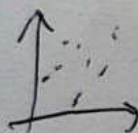


Ordered Bar Chart

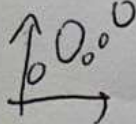


Tree map

⇒ Population vs Land Use Area



~~Scatter plot~~  
Scatter plot



Bubble plot

→ ~~Stacked Bar Chart~~ Land Use Area Categories per suburb



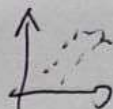
stacked Bar Chart

# 2. FILTER

Dot map



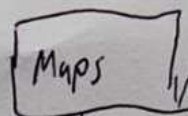
Choropleth looks better



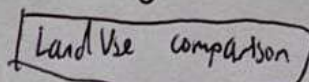
~~Scatter~~ Bubble plot shows more info.

The rest remain.

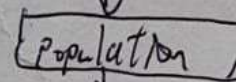
# 3. CATEGORIZE



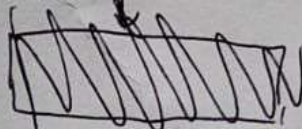
(on residential/land use etc)



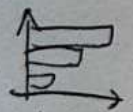
~~Scatter~~



(tree map) + (bubble plot)



# 4. COMBINE & REFINED

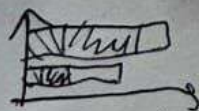


+



Ordered + stacked

→ Compare total & land use in each suburb



Ordered stacked Chart

# 5. QUESTIONS

1) Is the bubble chart hard to understand?

2) Will the Ordered stack Bar chart be too cluttered?

3) Will this show the data properly and give us new insight?



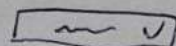
# LAYOUT



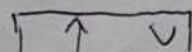
Partitioned Poster

Title: Land use ~~vs~~ ~~Soil Type~~ ~~vs~~ ~~Pop.~~  
 Author: Shengjie Chen  
 Date: ~~9th September~~ 21<sup>st</sup> September 2025  
 Sheet: #2  
 Task: Data ~~Visualisation~~ Visualisation 2

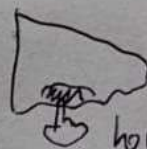
## OPERATIONS



Choose Land Use Type



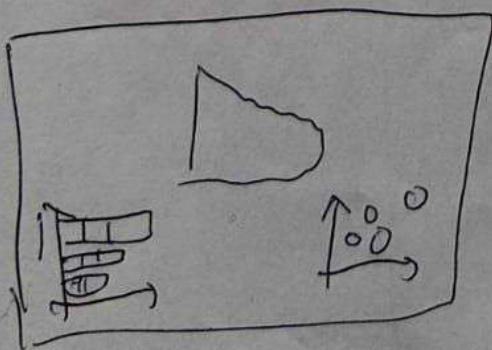
Order of stacked Bar



hover tooltip  
showing extra info.

## FOCUS

Everything but mainly the charts  
and map.

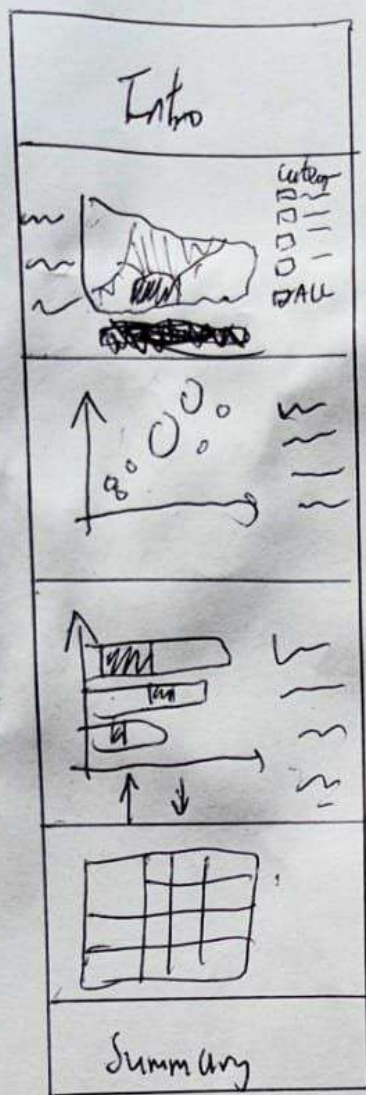


## DETAIL

- \* Too cluttered
- \* Not very interesting
- \* Weirld layout
- \* Map big enough.



# LAYOUT



Magazine scroll

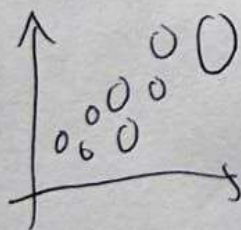
Title: From ~~Surface~~ Surface: Victoria La  
 Author: Sheng Tie Chen  
 Date: 24th Sep 2025  
 sheet: #3  
 Task: Data Visualisation 2

## OPERATIONS

↑ ↓ Choose ascending or descending order

category  
 ○ ~ Park which class  
 □ ~ land use class  
 ○ ~ to include.  
 □ ALL

## FOCUS



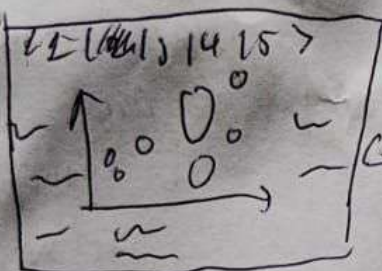
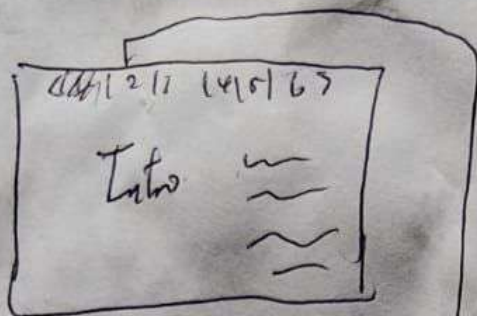
Shows the relationship between population & land use.

## DETAIL

- \* Category inclusion ~~feasible~~ possible?
- \* How to structure text
- \* How to make bubbleplot stand out more?



# LAYOUT



Slide show

Title: Ground & Growth  
 Author: Sheng Jie Chen  
 Date: 24<sup>th</sup> Sep 2025  
 Sheet: #4  
 Task: Data Visualisation 2

## OPERATIONS

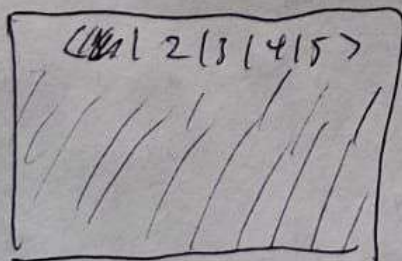
< 1 2 3 4 5 >

click to switch to that ~~page~~ slide

click this to go back and the other one for ~~next~~ next page.

## FOCUS

The current ~~page~~ slide user is on.



## DETAIL

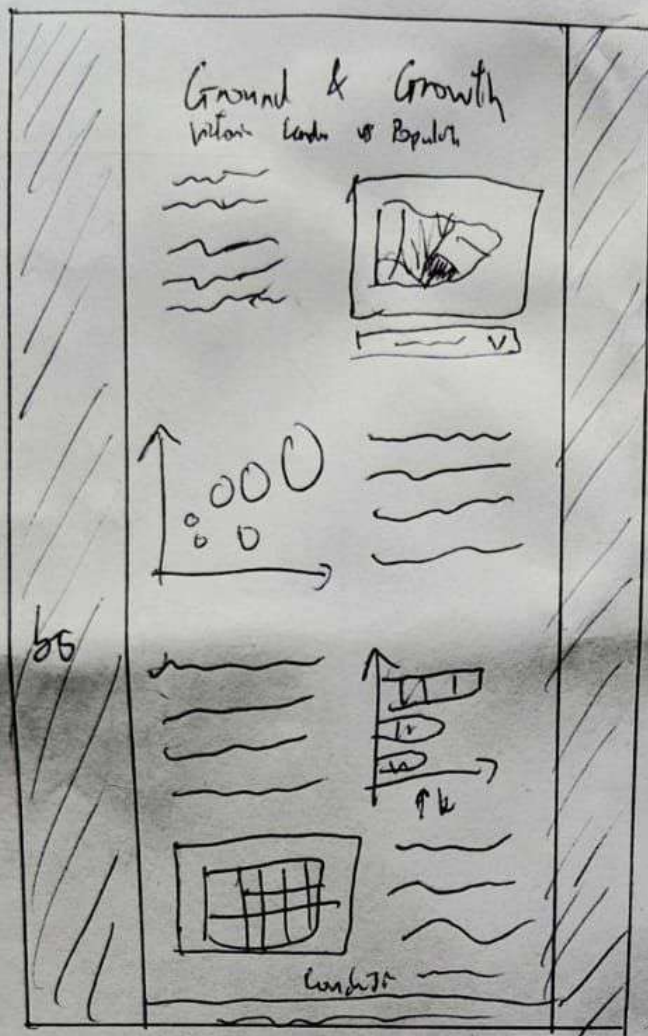
\* Can easily add more pages

\* Not as engaging as scrolling due to slider, ~~not~~

\* More focus on each individual page.



# LAYOUT



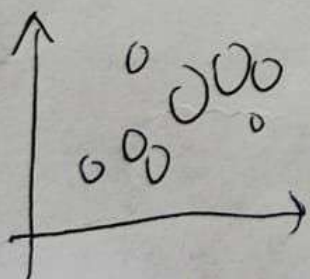
Magazine, Partitioned as Scroll web page

Title: ~~Land Use~~ of Victoria J  
 Author: Sheng Jie Chen: Ground & Growth  
 Date: 24<sup>th</sup> Sep 2025  
 Sheet: #5  
 Task: Data Visualisation 2

## OPERATIONS

- Same as sheet #2
- Left ~~in the~~ can  
 link to certain sections  
 of page and once  
 click jump user  
 to section.

## FOCUS



Conclusion

Make this bigger

## DETAIL

- \* Make the bubble plot bigger
- \* Shows everything & engaging to user
- \* Whitespace for ~~space~~ separation.