

VCE score

Kai Xie - 33115791

Kai Xie - 33115796

Ideas

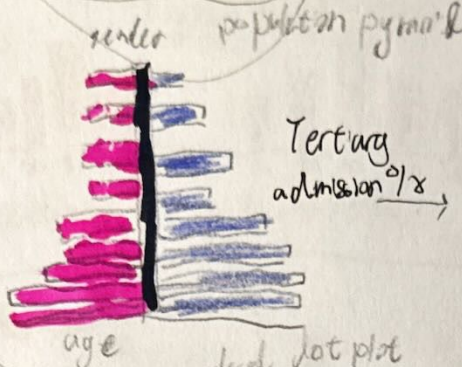
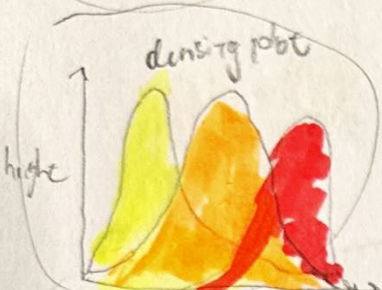
legend

choropleth

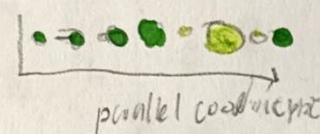
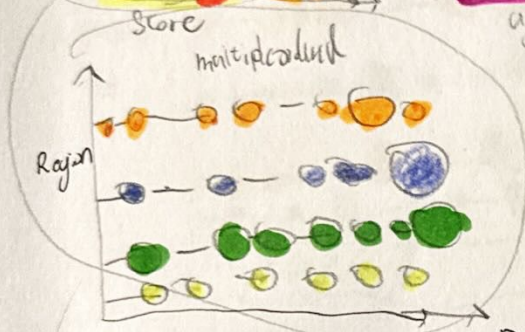
by VCE score

symbol map

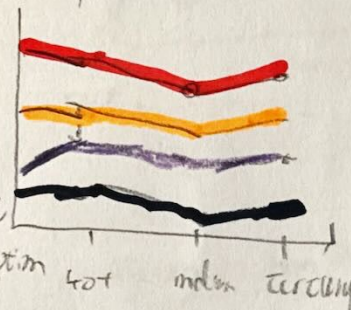
isolate  
suburb information  
with study score



Encoding population statistics  
Filter → use density map for  
detailed school score



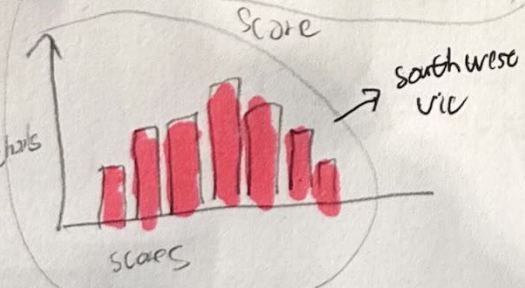
→ encodes tertiary admission  
with respect to students



→ correlation testing



→ shows the categories  
of education sector



question: is the symbol plot legible  
is there redundancy?  
is there relationships total?  
yes ✓

- Filter:
- use choropleth as symbol is too small and not readable
  - use density instead of population pyramid as pop pyramid
  - has too much additional info
  - use doughnut chart for better ranking
  - use area chart for comparison
  - use scatter dot plot ✓



Sheet 3

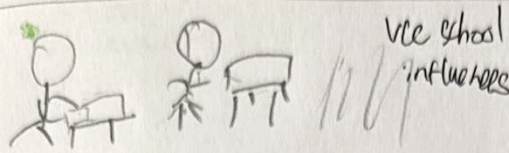
Title: VCE school influences

Kuizic - 33115746

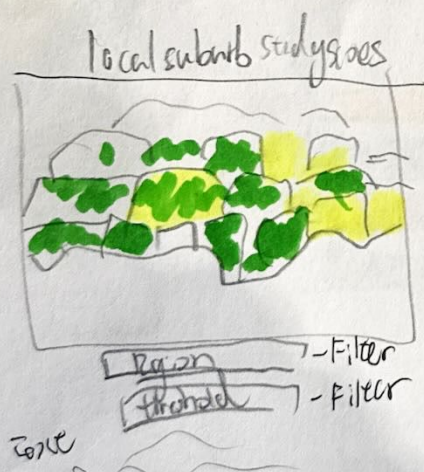
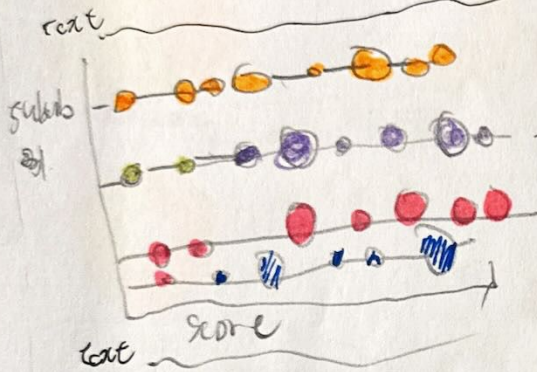
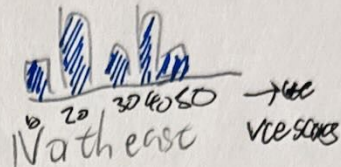
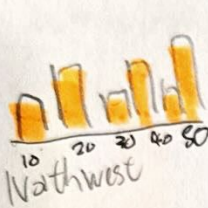
Sheet 2

Name: schooling influences

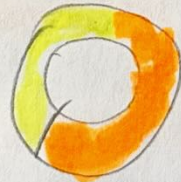
VCE description  
20: 50:  
30:  
40:



Regions VCE distribution



Metro vs non metro



- Comparison operations
- 1. Filtering by region
  - 2. Filter by specific category of the demographic eg region, education sector
  - Filter by min study score

Focus  
focuses on the 4 largest regions of Victoria and investigates subsequent questions of their distribution

- Pro:
- very clear distribution emphasised for regions of Victoria
  - emphasis on pure metrics

- Cons:
- lack of emphasis on location identification and trends
  - lack of overall goal of visualization
  - lack of direction
  - not clear

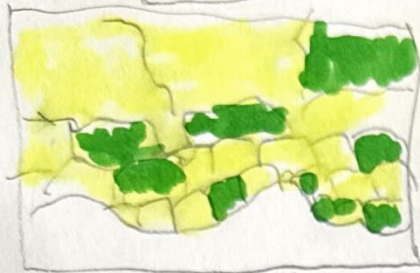
duplicate info  
↑  
difficult to filter  
↑  
Density



# Sheet 3

Title: VCE School Results in Victoria

## VCE School Results in Victoria



VCE school description  
 20 = bad  
 30 = medium  
 40 = medium  
 50 = good

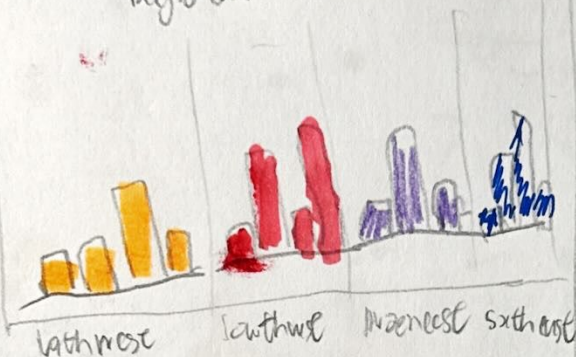
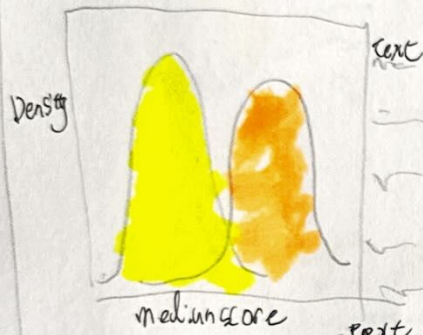
Description (for reader info)

Filter year

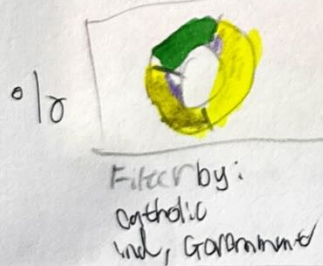
Filter by year

Metro vs non metro

Regional



Filter by metro vs non metro



Filter by:  
 Catholic  
 Ind, Government

Limited sector differentiation.

Operations:

Filter by school category

Filter by regions clicking on the histogram / density plots

Notes

- Metro vs non metro
- density score distributions
- Metro separations
- investigating metros non metro

Pros:

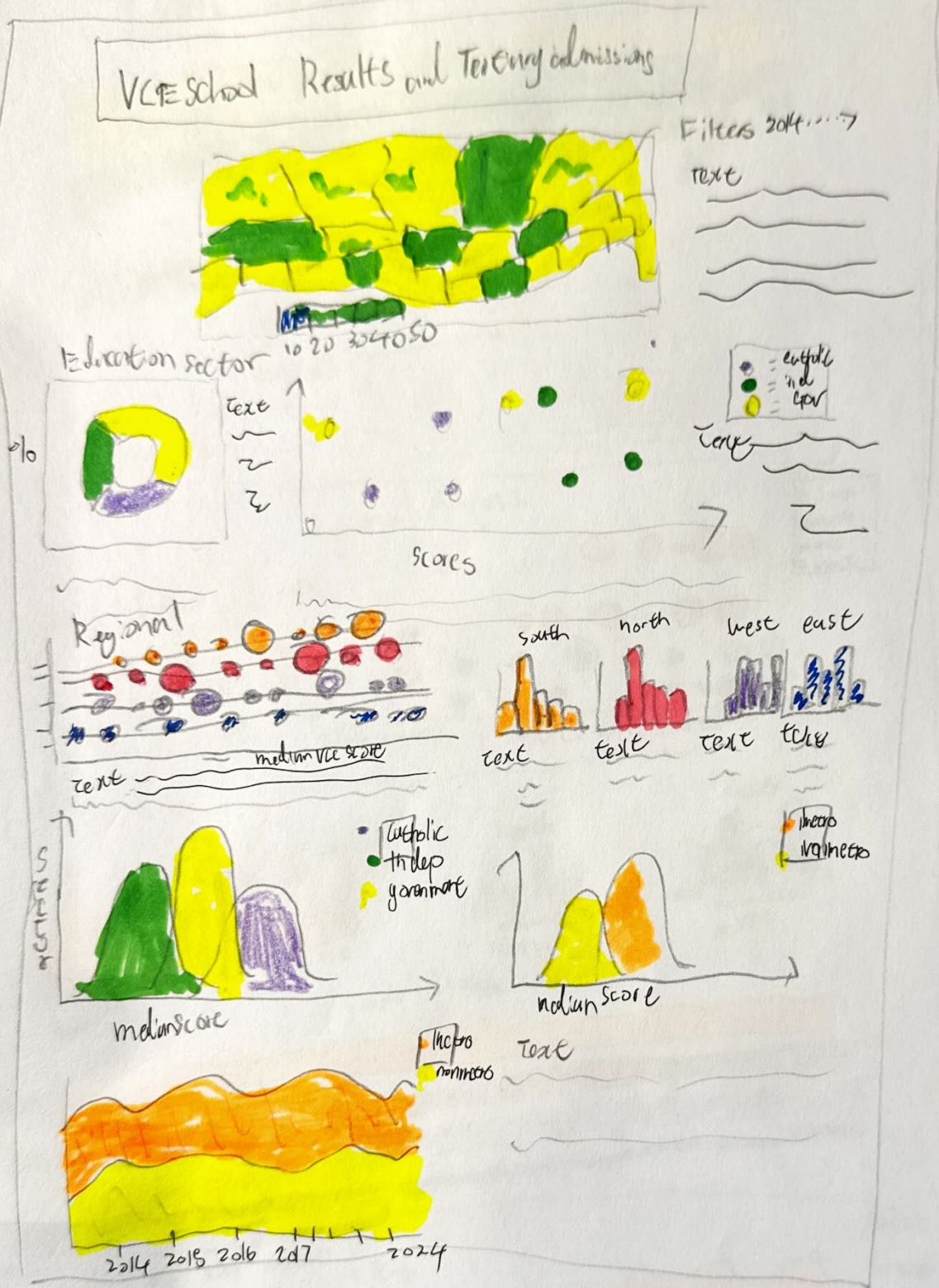
- Detailed Metro vs non metro
- Filtering interactive use of the data
- Metro vs non metro

Cons:

- Alignment issue
- overly focused on one aspect



# Title: VCE school Results and Tertiary admissions in Victoria



Poorly formatted



- Operations:
- Filtering based on education sector
  - Filter by year

Focus:

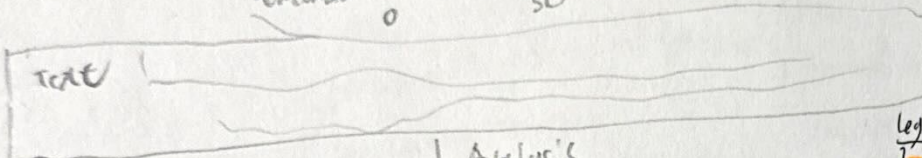
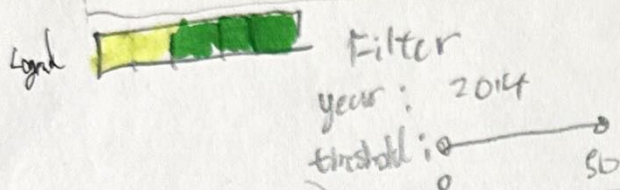
Looking into educational sectors to find relationships between study scores and "entire", "independent" and "government".

- pro:
- looks in depth into
  - consistent views with can interesting

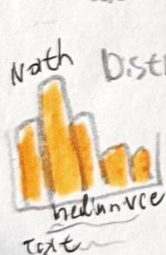
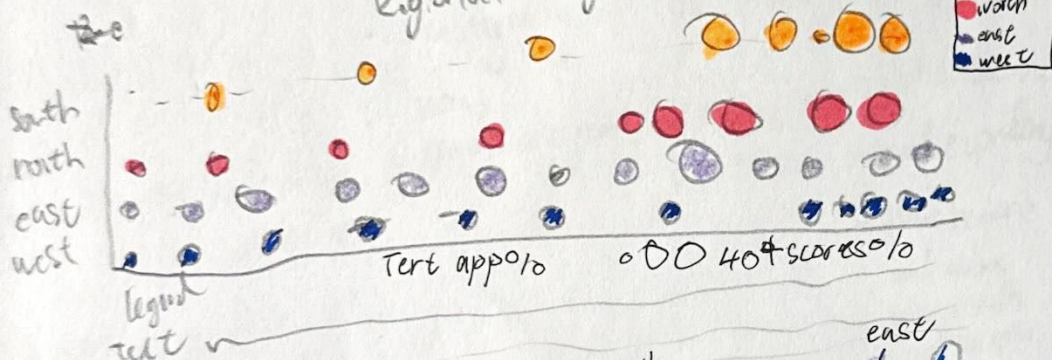
- con:
- alignment issues still
  - difficulty implementing
  - extra large sizes due to interesting



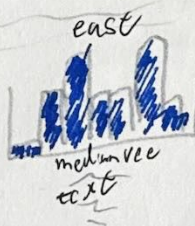
VCE school Results and tertiary admission in Victoria



Regional Analysis



yearly distribution

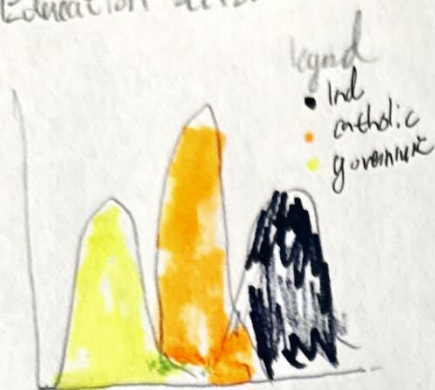


Metro vs non metro





# Education Sector



Text



Text

Cart  
Sheet 5

Kuixie  
33115796

## Operations:

- Filter by years for multiple regions
- Fixed tooltips for interactivity
- Filter by threshold
- Filter by regions

## Focus

- Analysing study score and tertiary application correlation
- investigating relationship between scores
- Diverse categories in the investigation

## Pro:

- Balanced appearance
- elaborate explanation and in-depth analysis
- holistic view
- Good expanding
- clear regions and means along with word sizes.

## Cons:

- Some sections may be too static