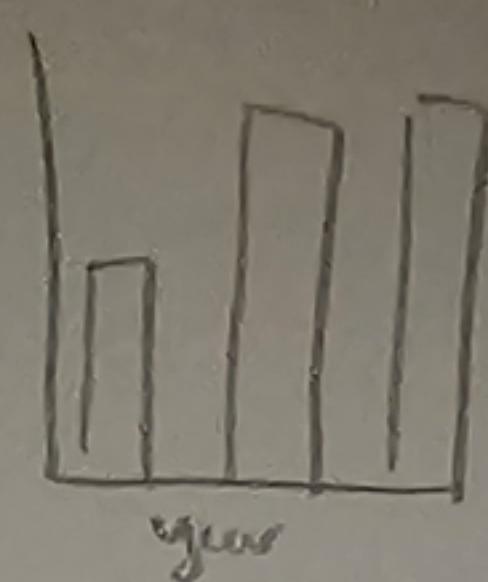
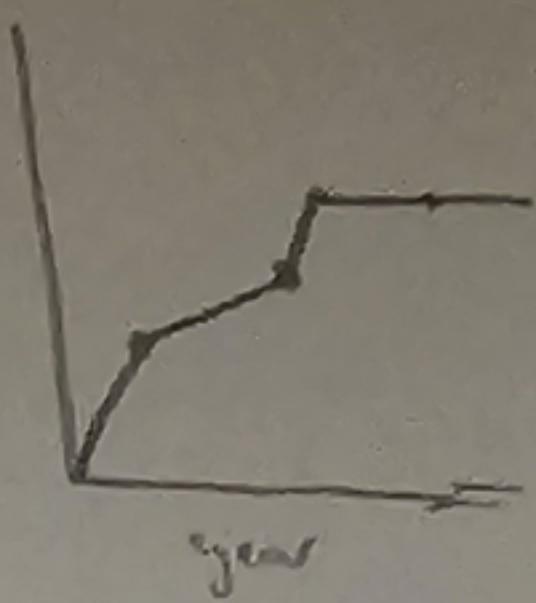
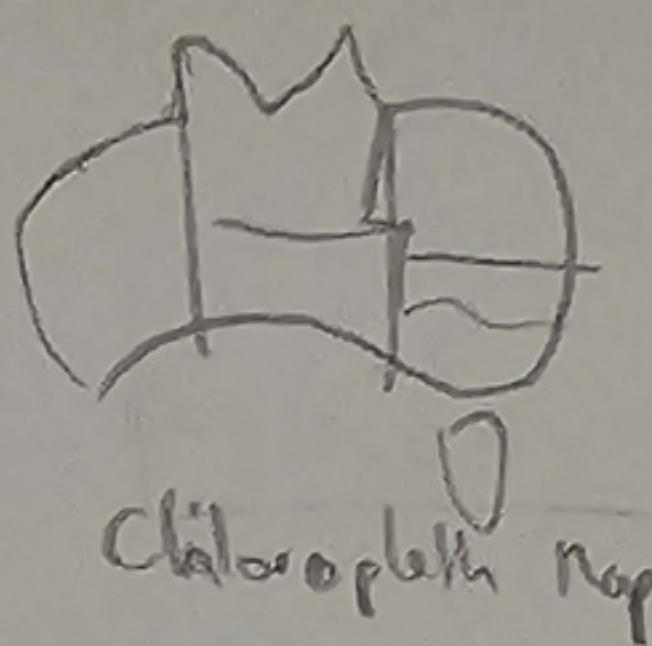
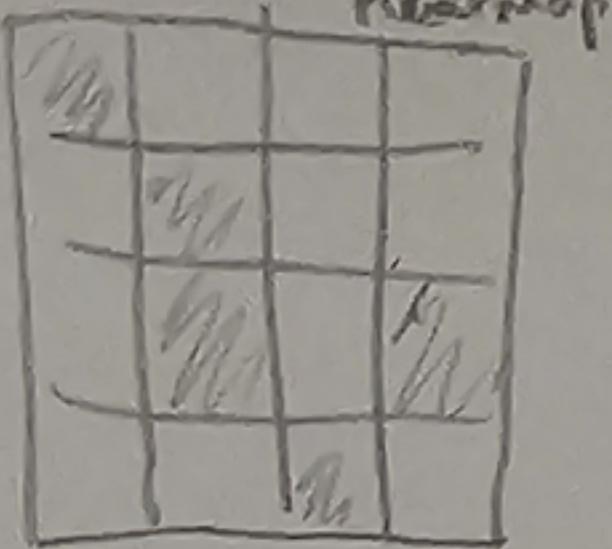


1 Ideas

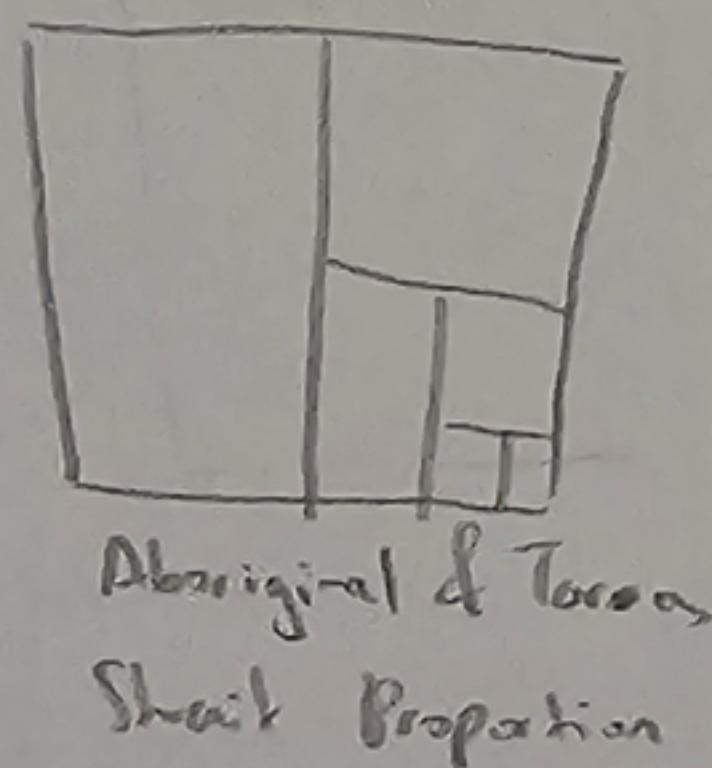
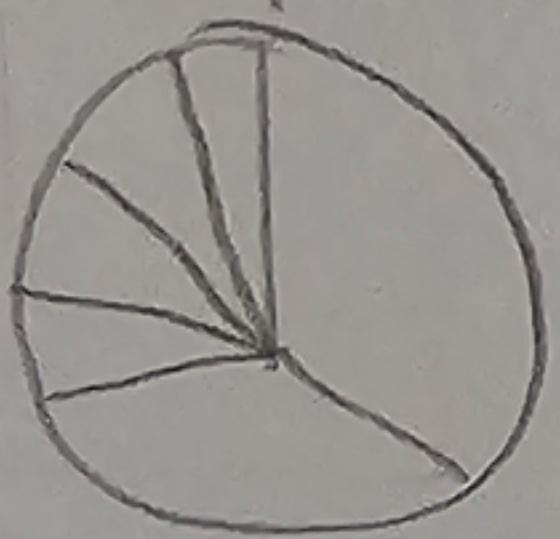
School Count



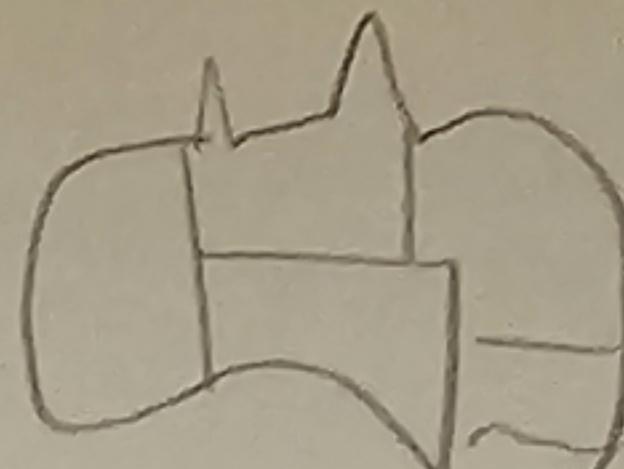
State enrolment
Heatmap



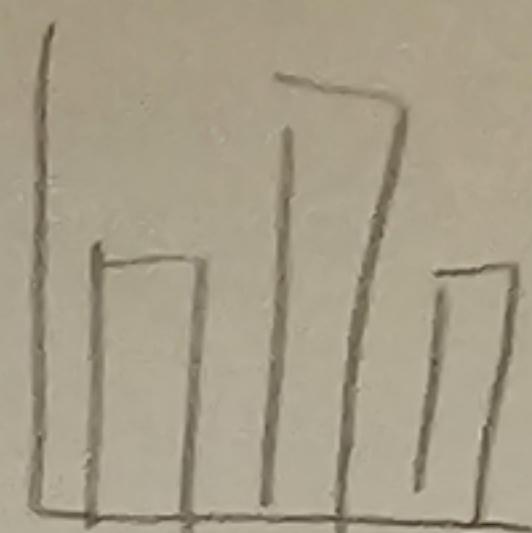
school per state



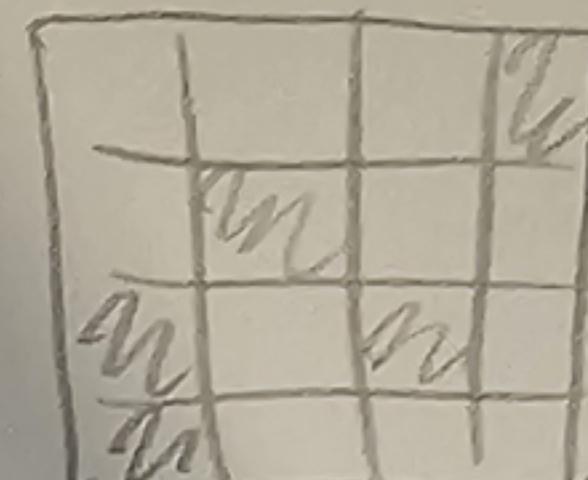
2. Filler



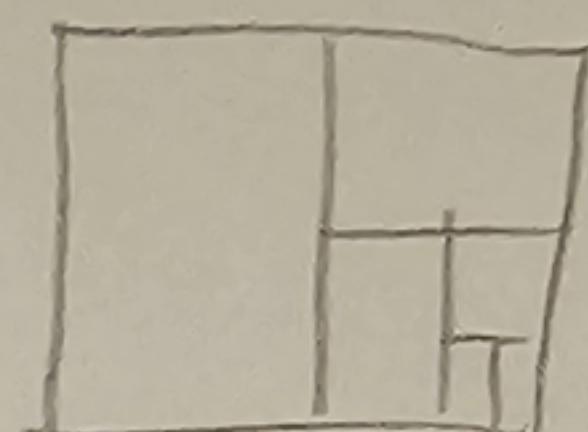
Chloropleth



Column Chart



Heatmap



Treemap

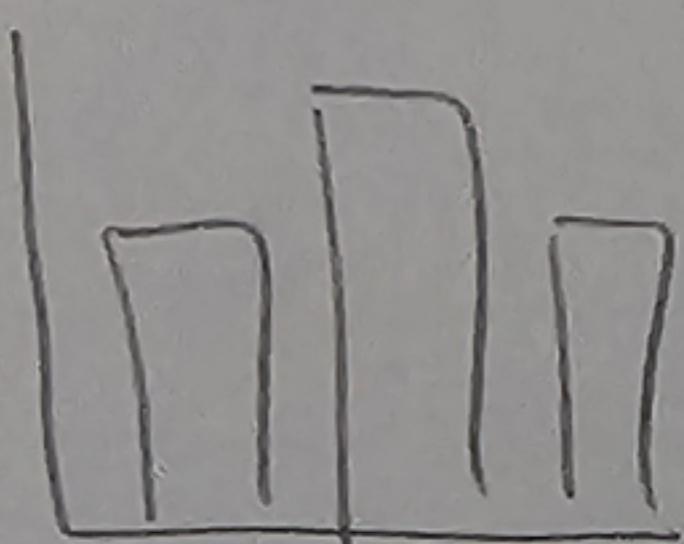
3. Categories

Trends: Column Chart

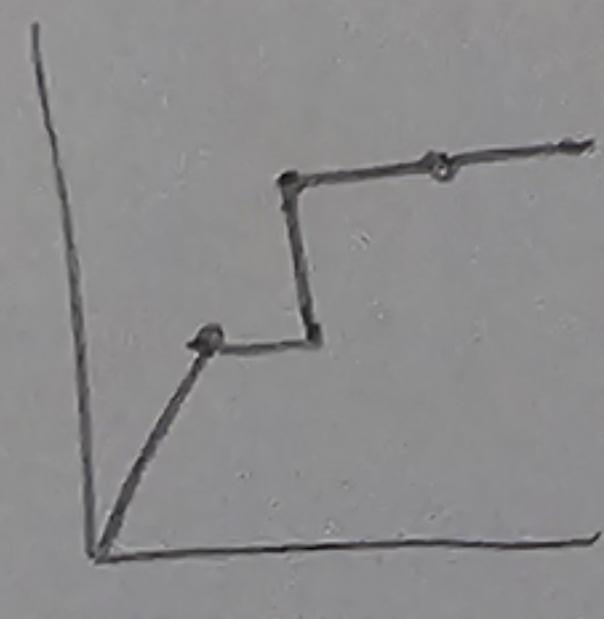
Demographic: Heatmap, Treemap, Chloropleth map

Economic: Chloropleth, Pie Chart

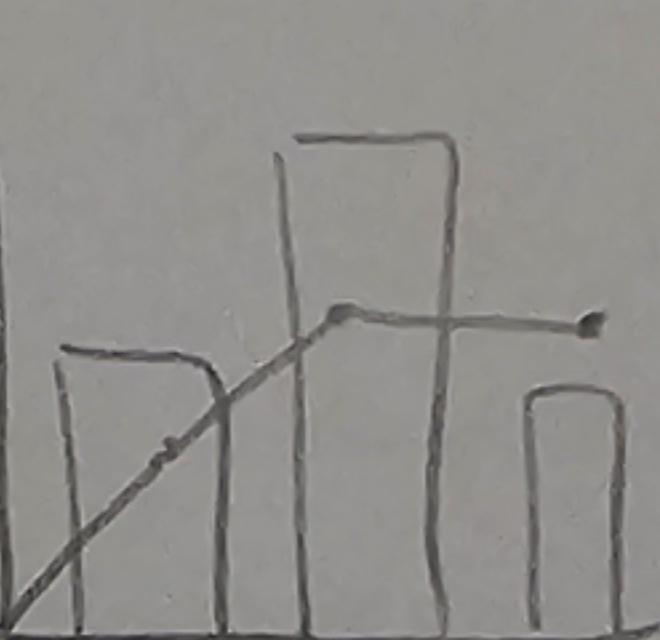
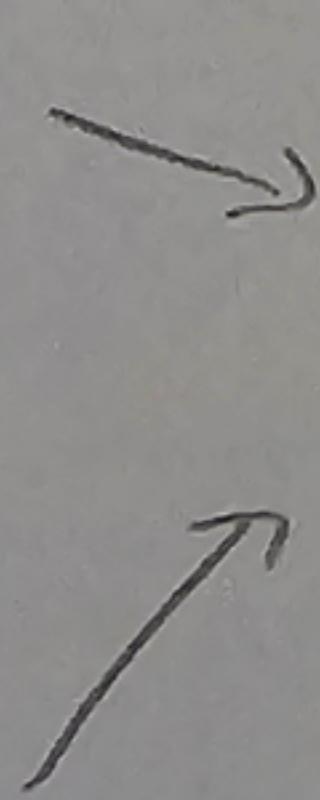
4. Combine & Refine



School Count



Enrolments



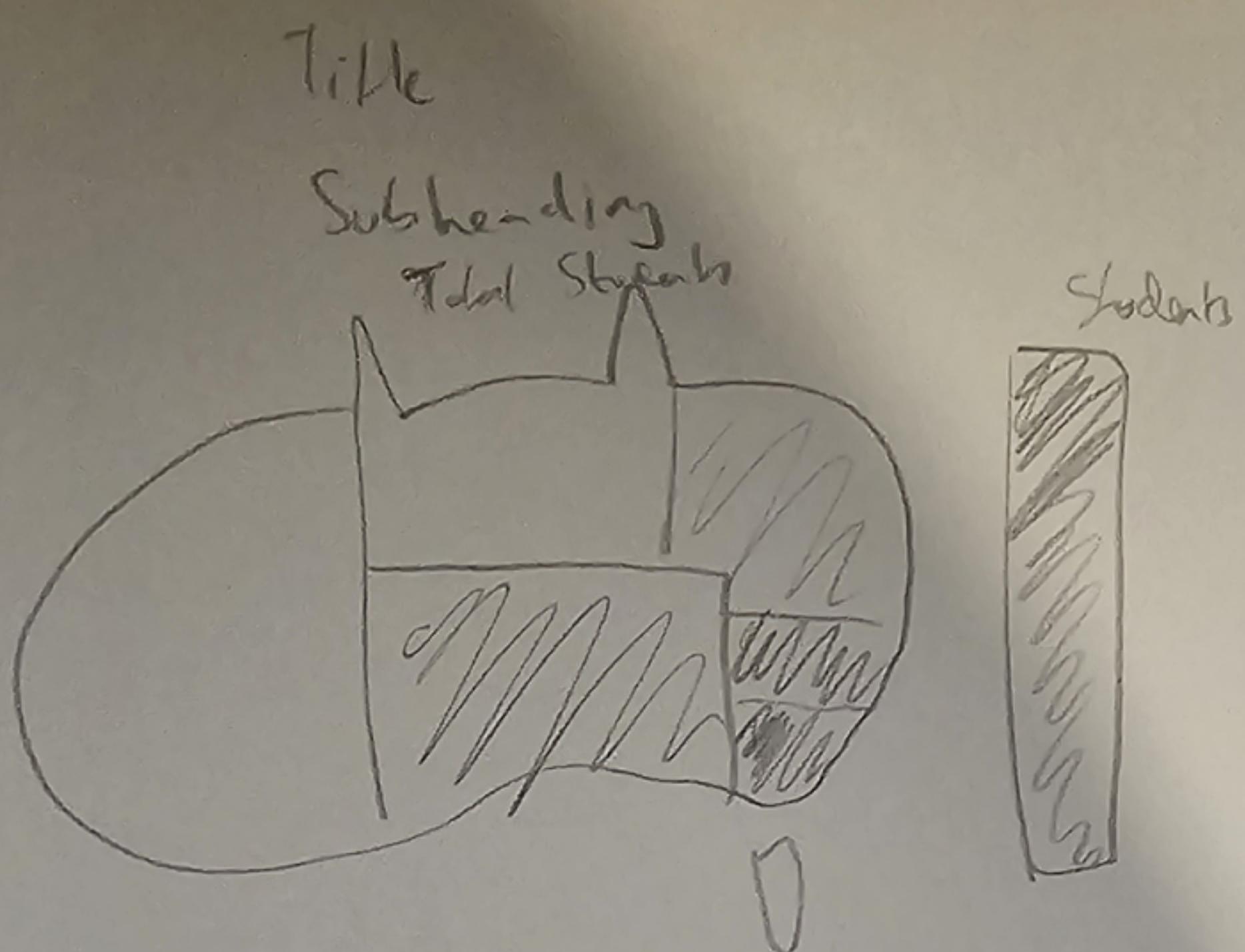
Combined for
more in a
compact space

5. Question

Yes, answers a few questions

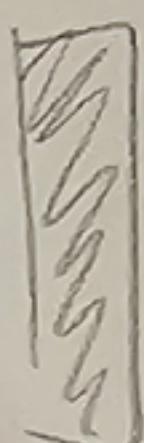
- Does the number of schools affect the number of students enrolled?
- Are there noticeable trends in the enrolment of overseas students over the years.

Layout

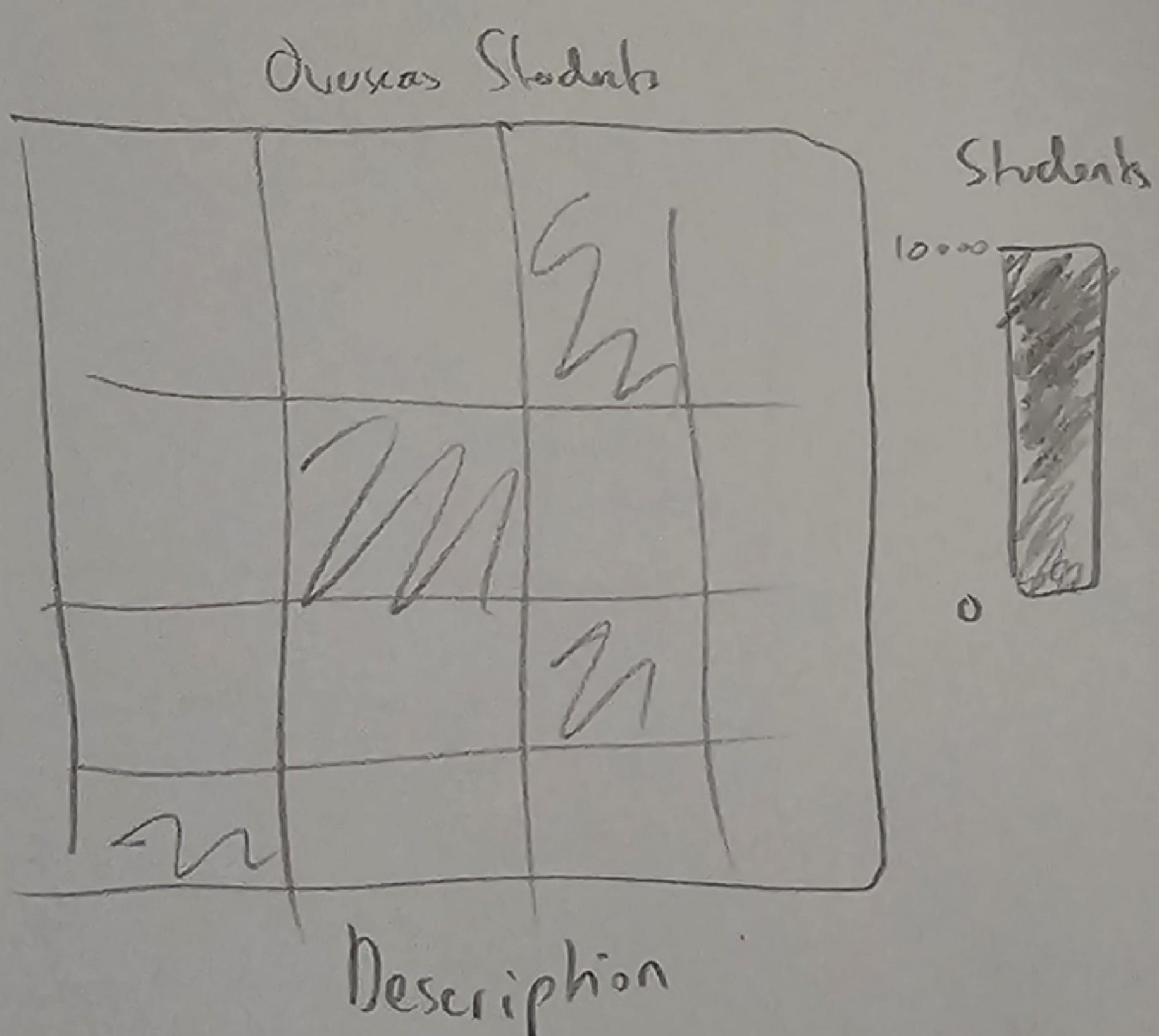


Title: Initial Design
Author: Melvin Pramode
Date : 21/10/24
Sheet : 2
Task : Data Vis 2

Operations



View Gradient
to tell range



Discussions
Pros

User map
Shows student data

Cons
Not enough info.

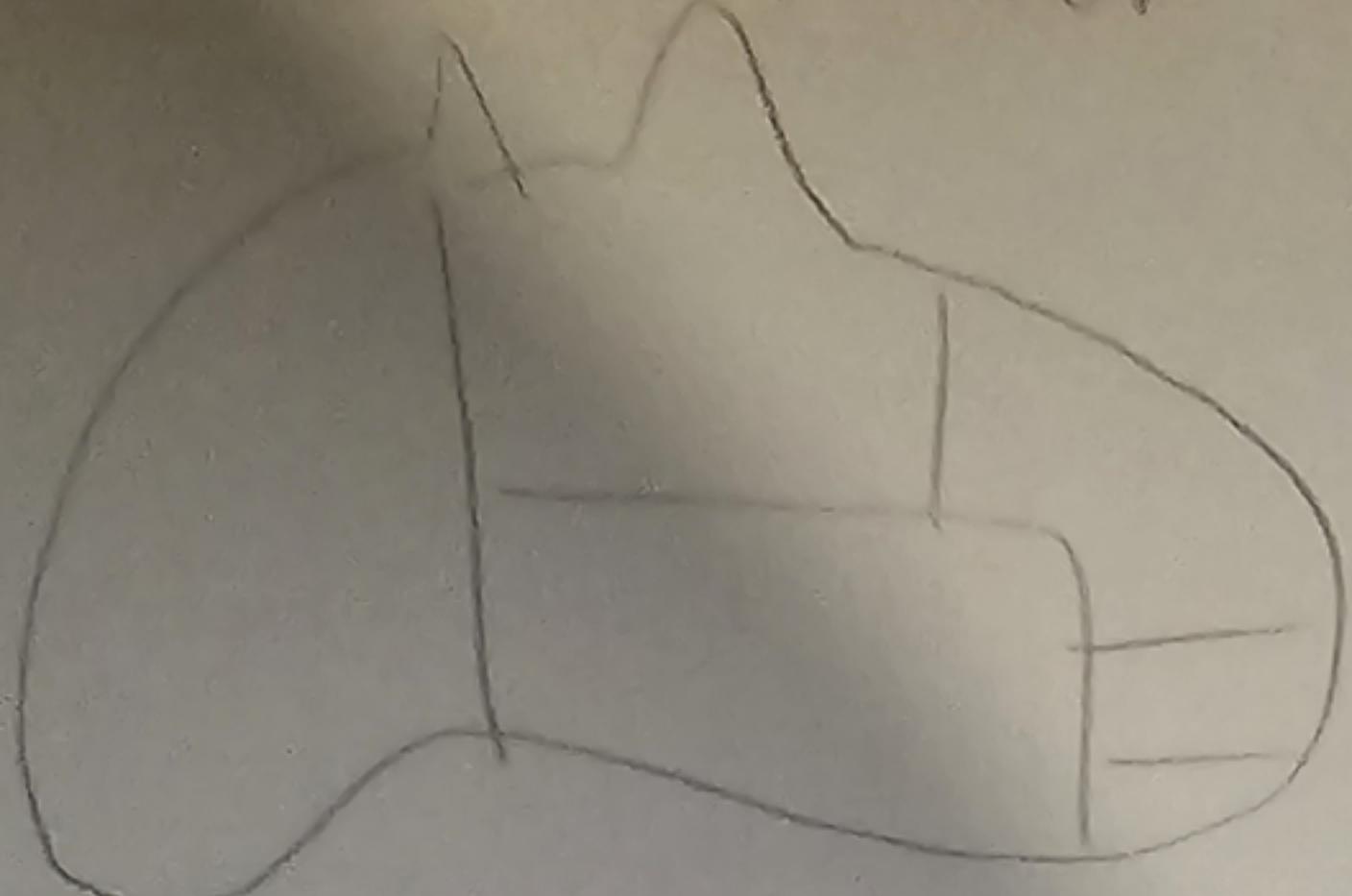


Heatmaps and Choropleth
use extensive range.
similar to each other for
different data.

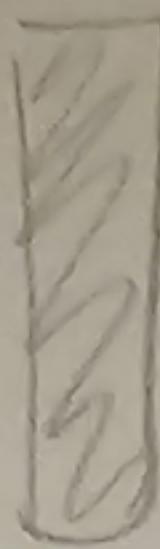
Focus

target

Total Student Landscape



Schools



Title : Initial Design

Author : Melvin Pramono

Date : 21/09/24

Sheet : 3

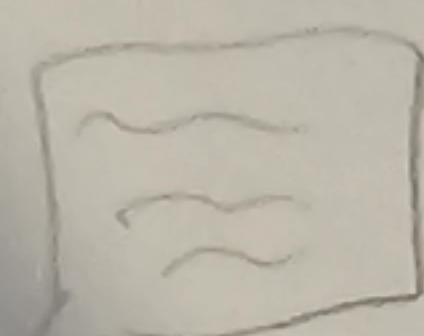
Task : Data Vis 2

Operations



View Gradient

To kill Raggie



Monitor for
tool tips

Focus



Tree map shows proportions
of Aboriginal & Torres
Strait in Australian schools.

Discussions

Pros

Used spatial map

Shows proportional data

Cons

No growth over time

Title: Final Implementation

Title: Initial Design

Author: Melvin Premode

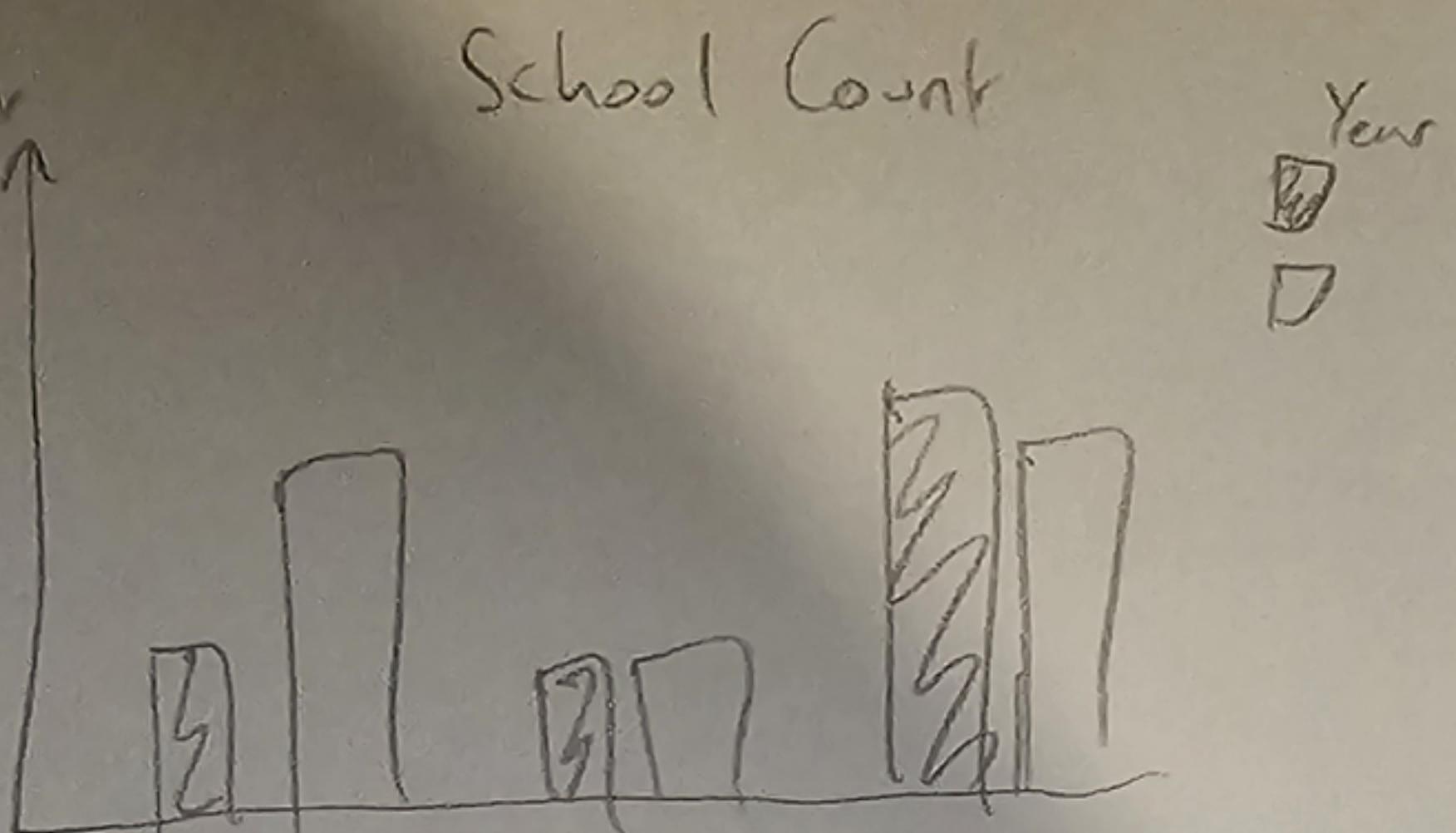
Date: 21/09/24

Sheet: 4

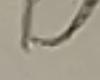
Task: Data Vis 2

Layout

Count

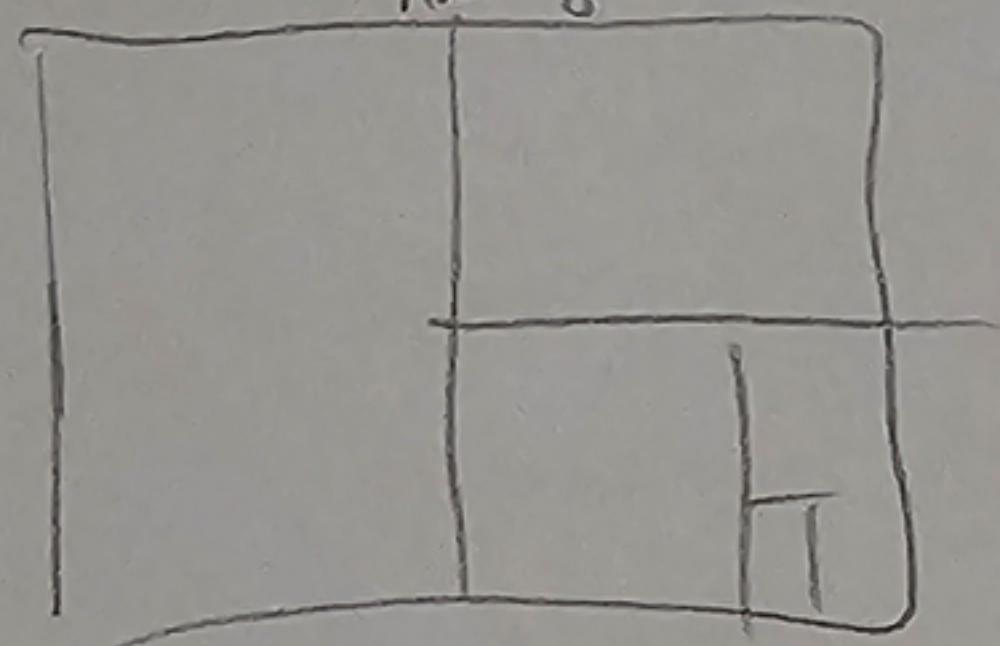


Year



State + Year split

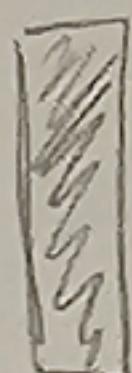
Aboriginal & Torres Strait



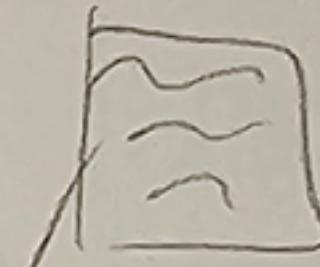
Student



Operations



View Gradient
to full range



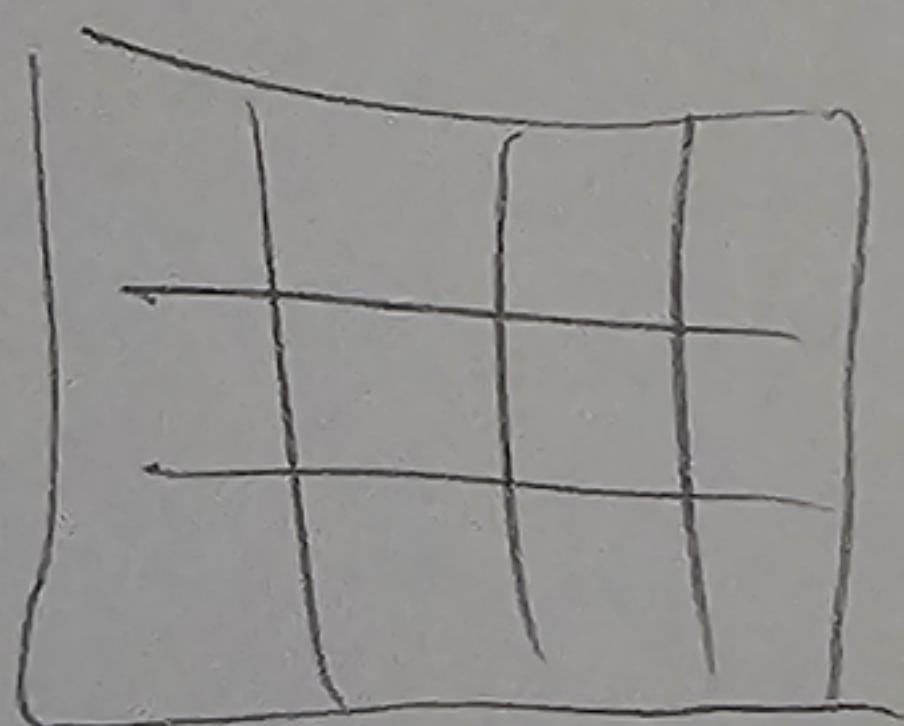
Hover for
tooltips



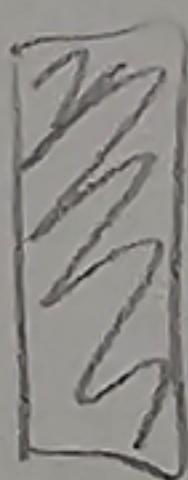
Split range
legend

Overseas Student Enrollment

State

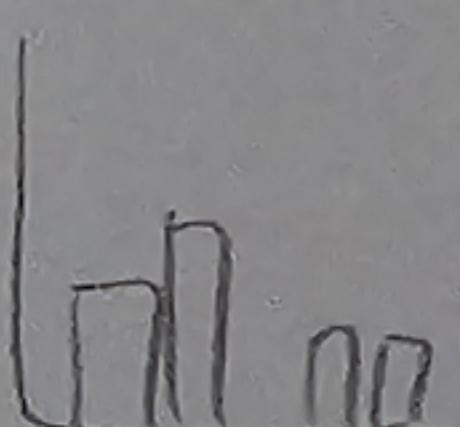


Student



Year

Focus



Shows schools in states
over time

Discussions

Pros

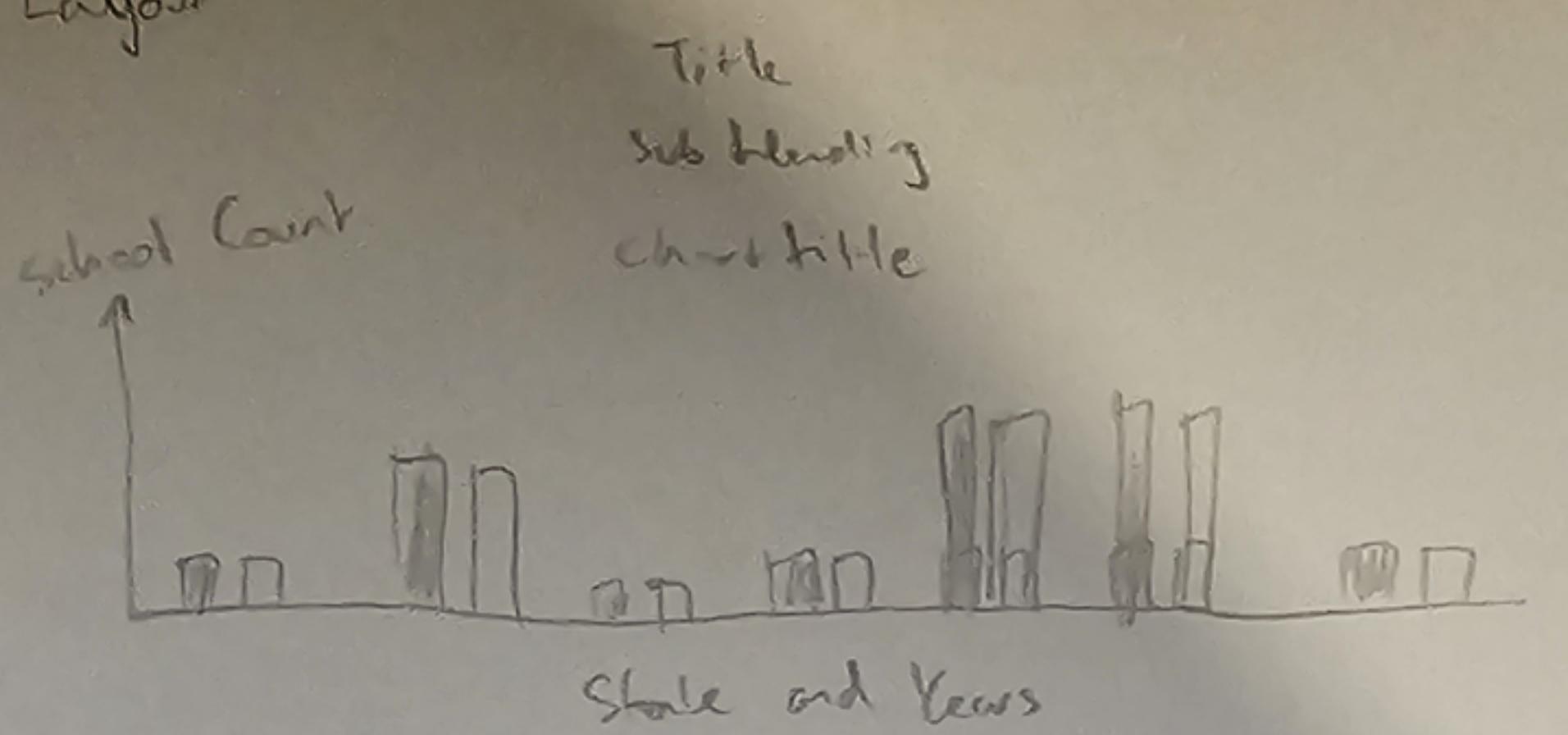
Shows growth over time.

Proportional data.

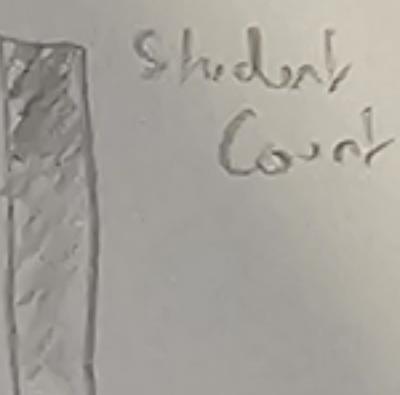
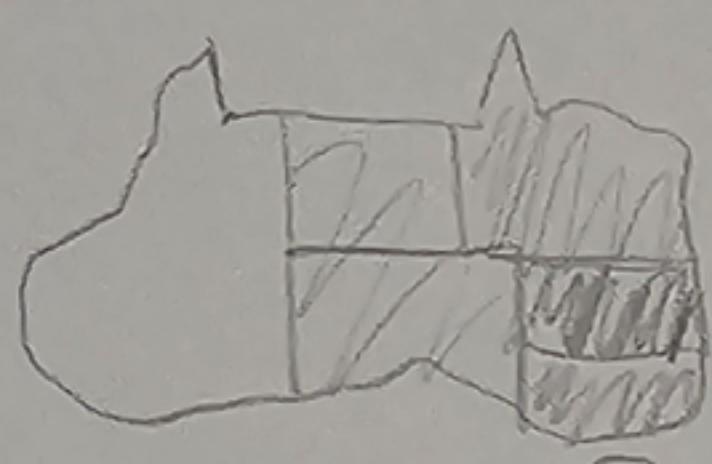
Cons

No spatial comparison.

Layout



Total Students

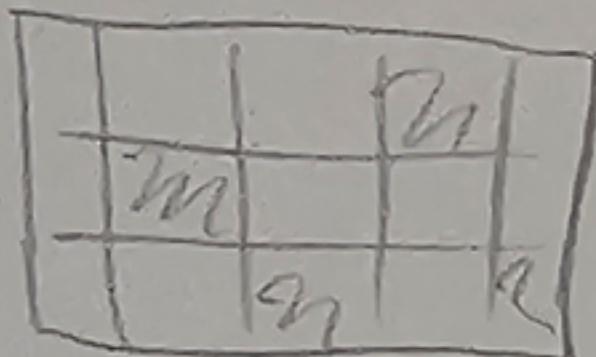


enrolment type: All

Description

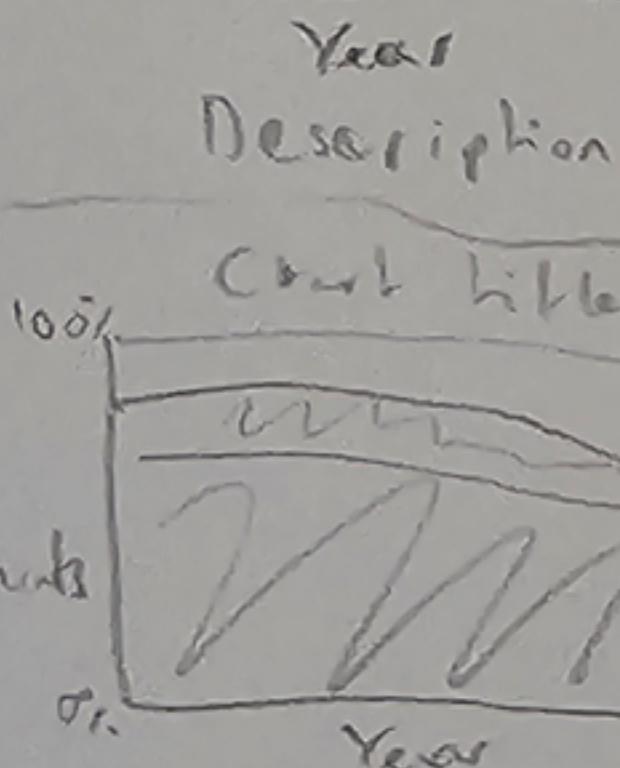
Chart title

State



Students

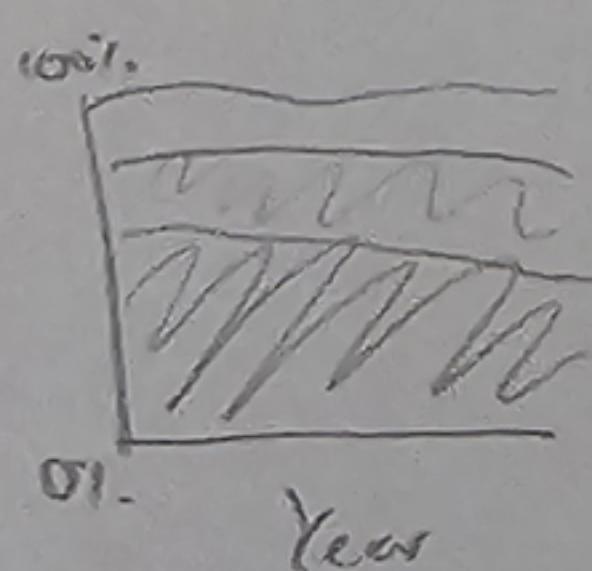
Overseas Students



Affiliation:

- ~
- ~
- ~

Focus



Replaces treemap as it would be easier to show trends over time.

Title: Final Implementation Design

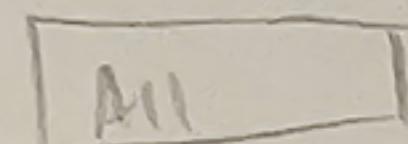
Author: Melvin Pranode

Date : 21/09/24

Sheet : 5

Task: Data Vis 2

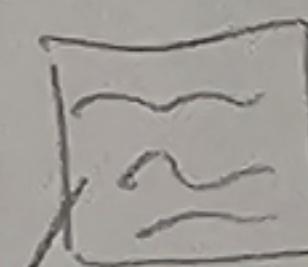
Operations



Select between government school enrolment non-government All.



View to see gradient range



Hover data for tooltips

Details

- Data has to be cleaned.
- Spatial topography of Australia with states needs to be found.
- Data from ABS should suffice, manual entry might be required.
- All in a single scrollable page.
- Clear separation between sections.