IDEAS

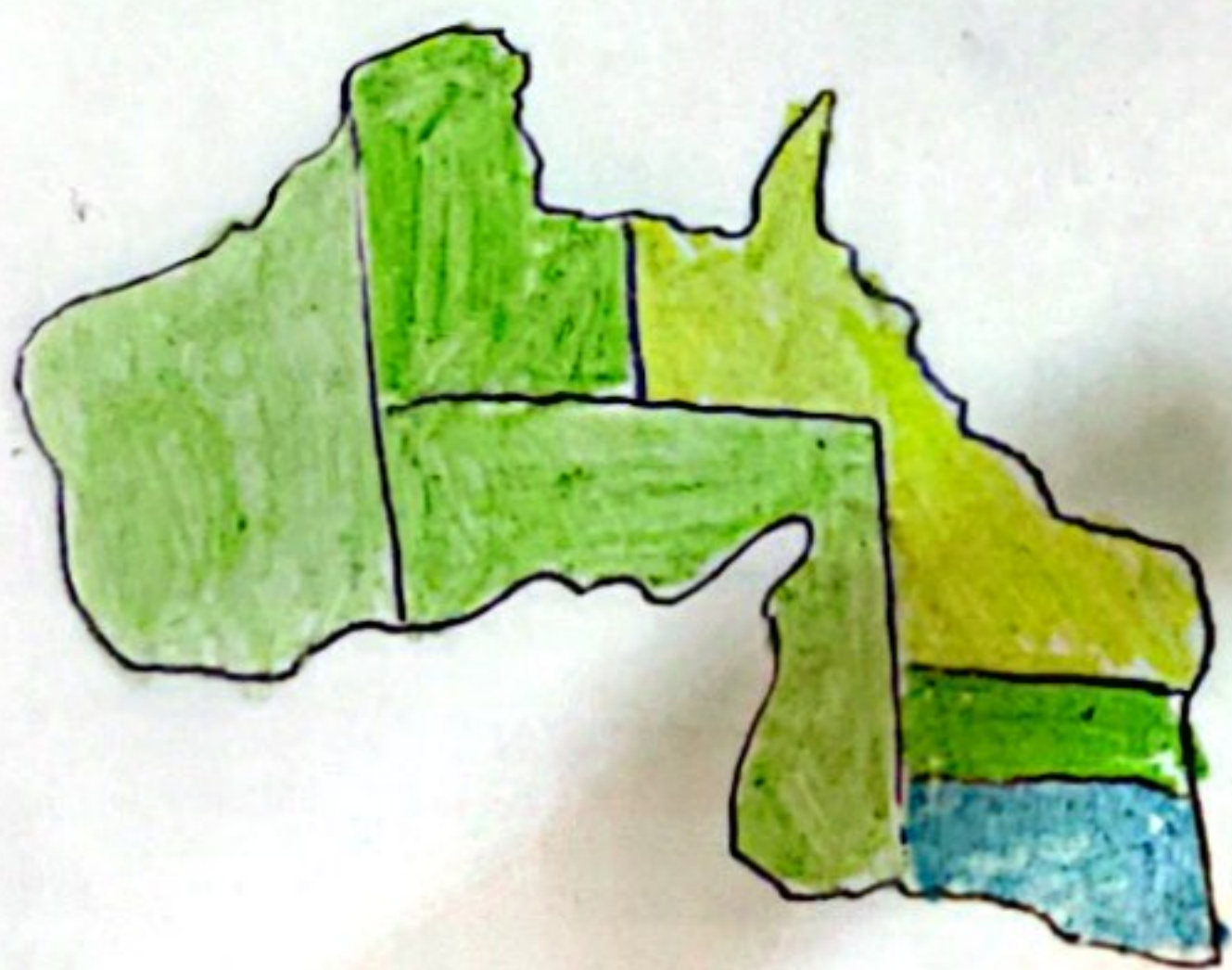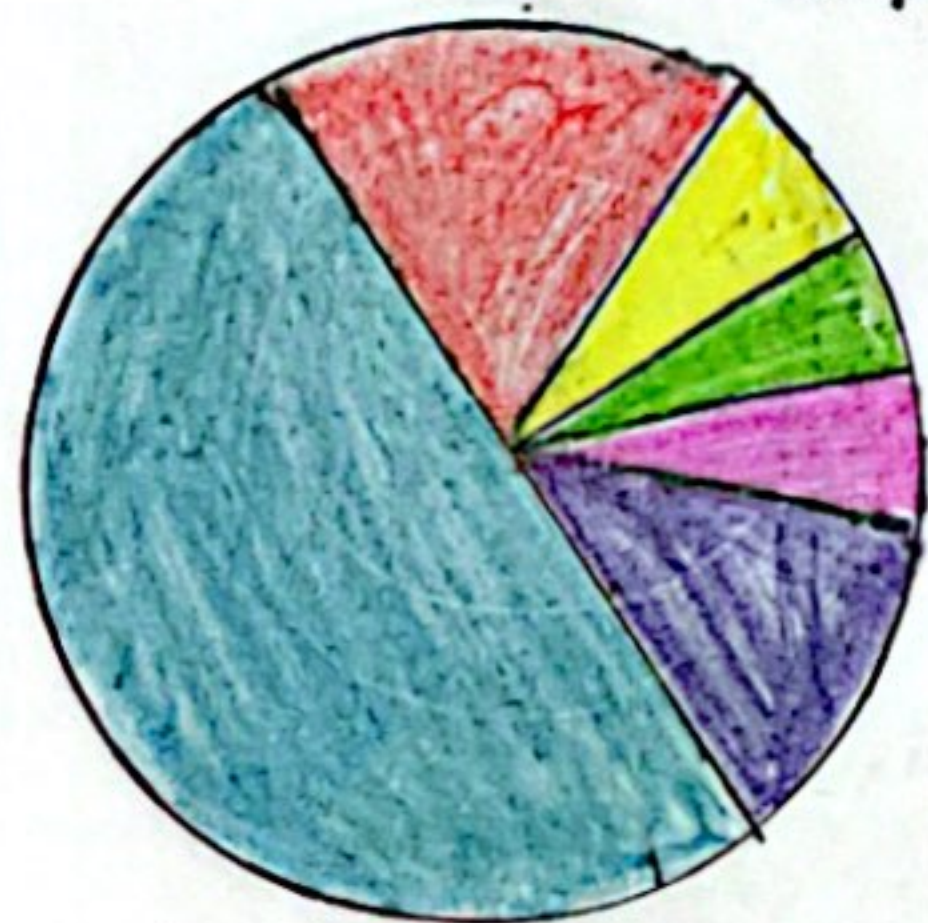## International Students Trends in Australia

↳ International Students numbers in various states/territories in Australia

↳ Analysis of Temporary Student Visa - Types

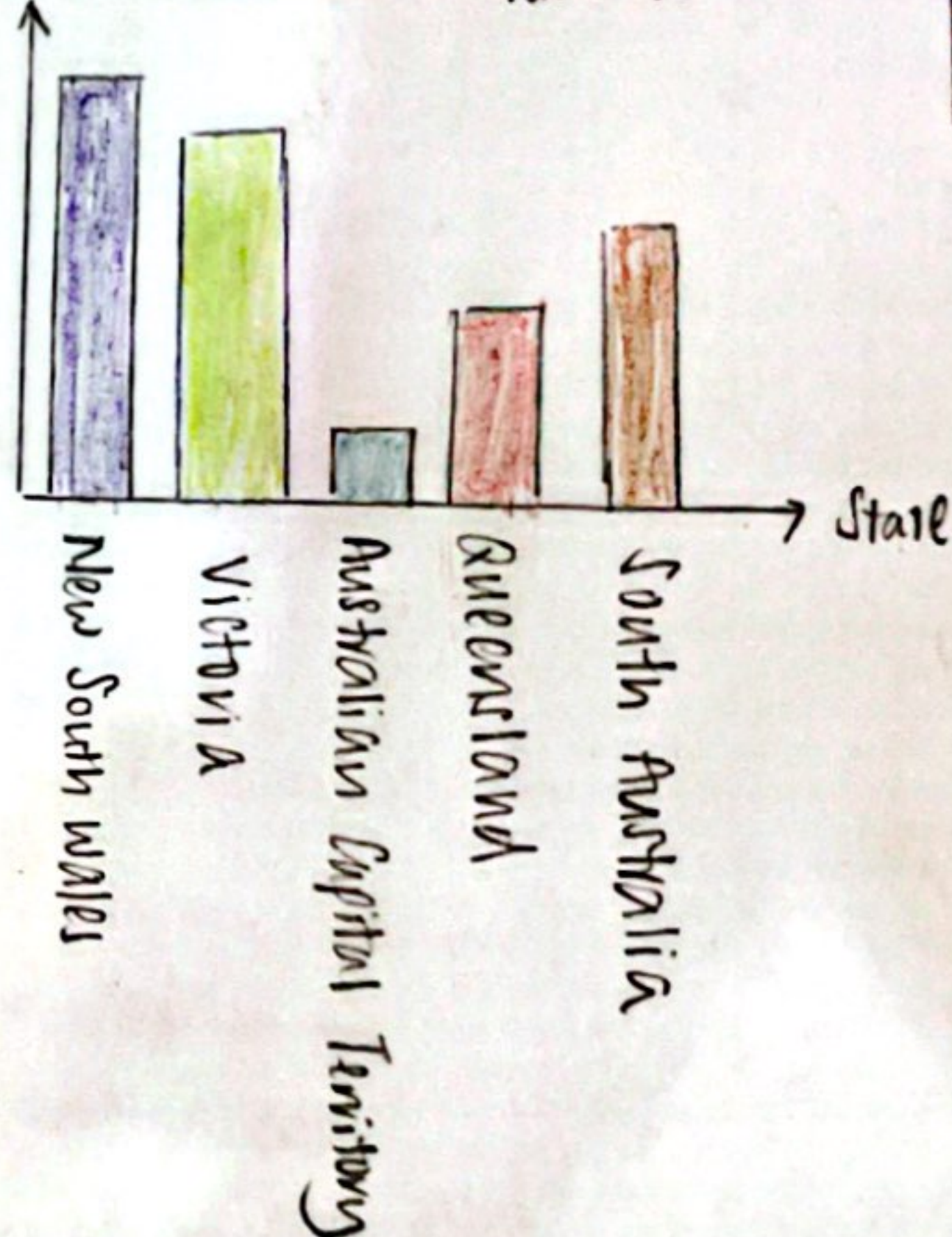↳ Visualisation Method

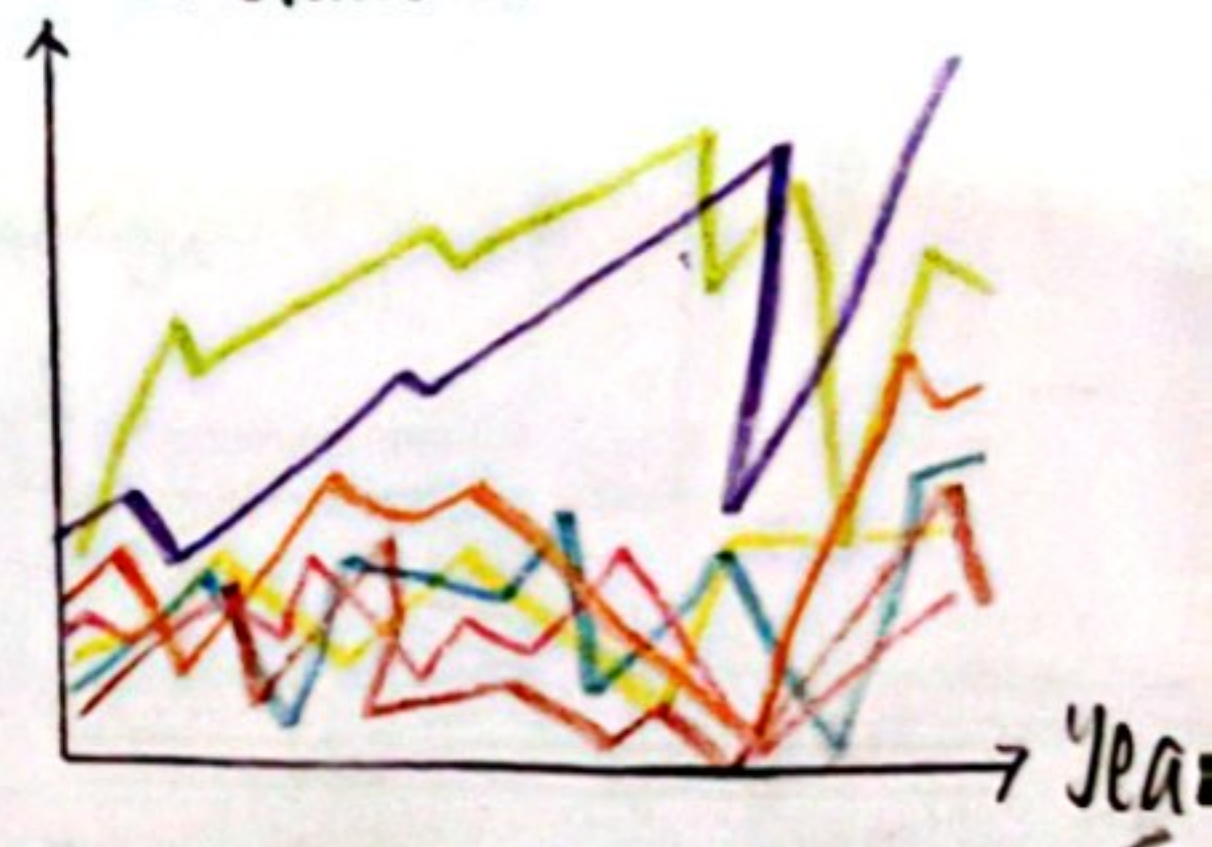1) Choropleth Map   2) Bubble Chart   3) Line Chart   4) Bar Chart   5) Pie Chart

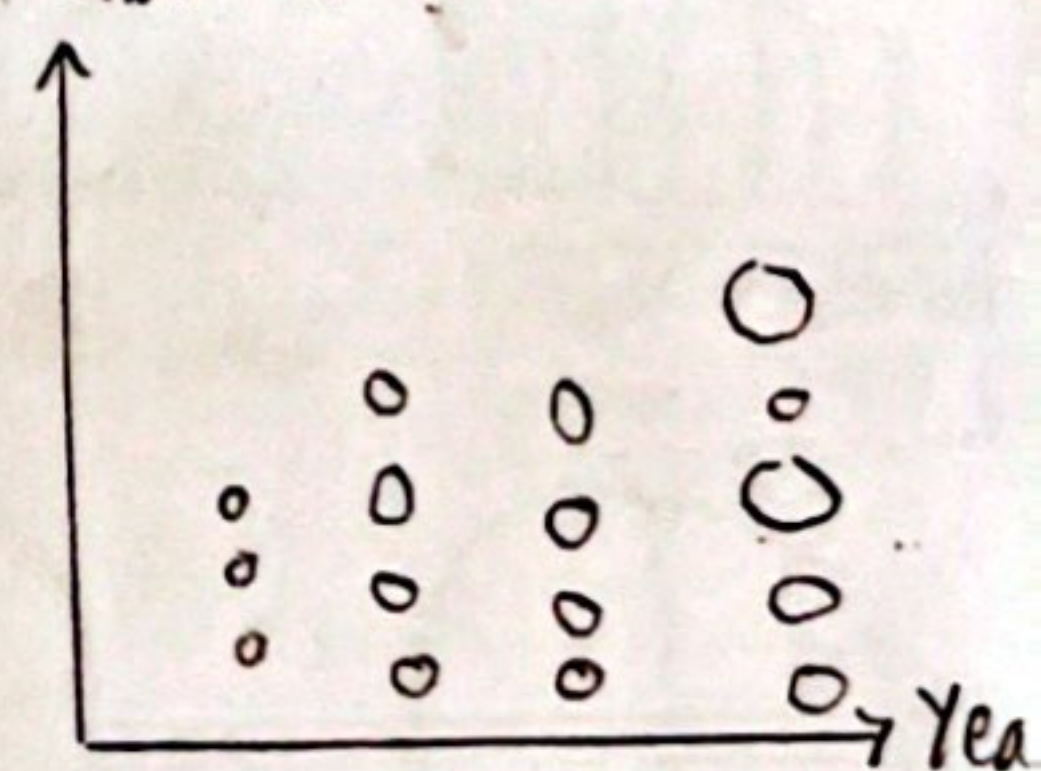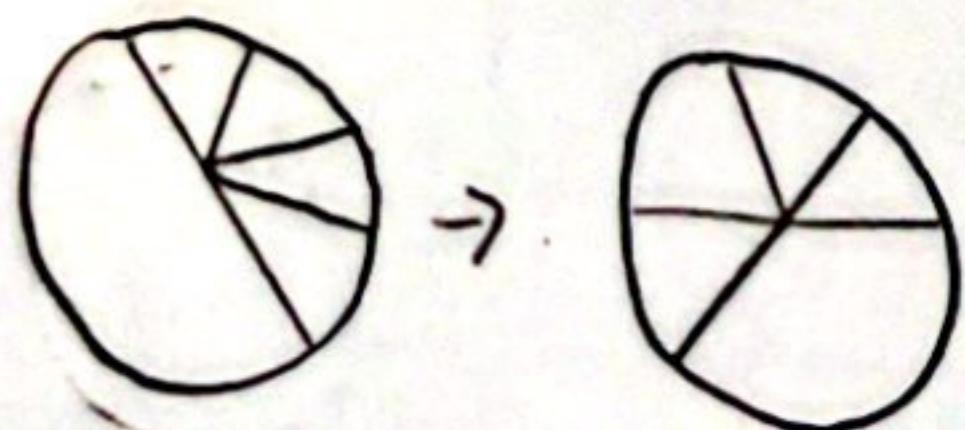Distribution of Temporary Student Visa Type

Number of Students

Number of International Students

New South Wales | Victoria | Australian Capital Territory | Queensland | South Australia → State

Number of Students → Year

Number of Students → Year

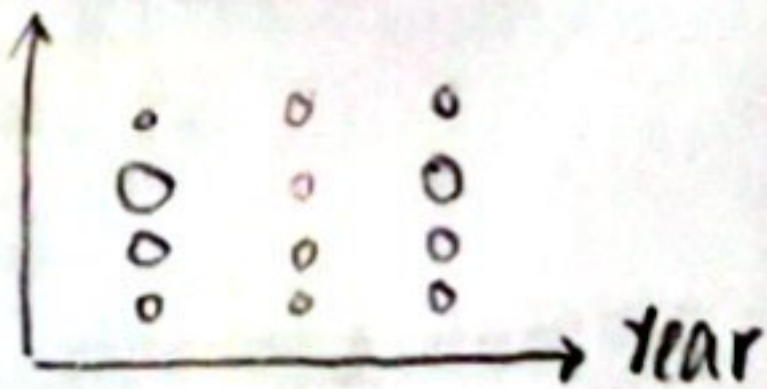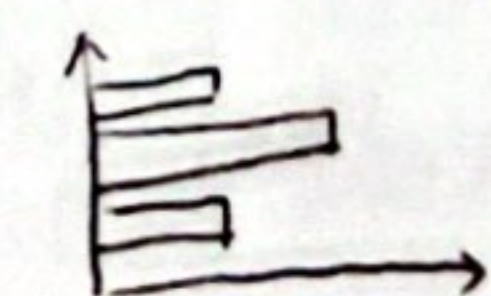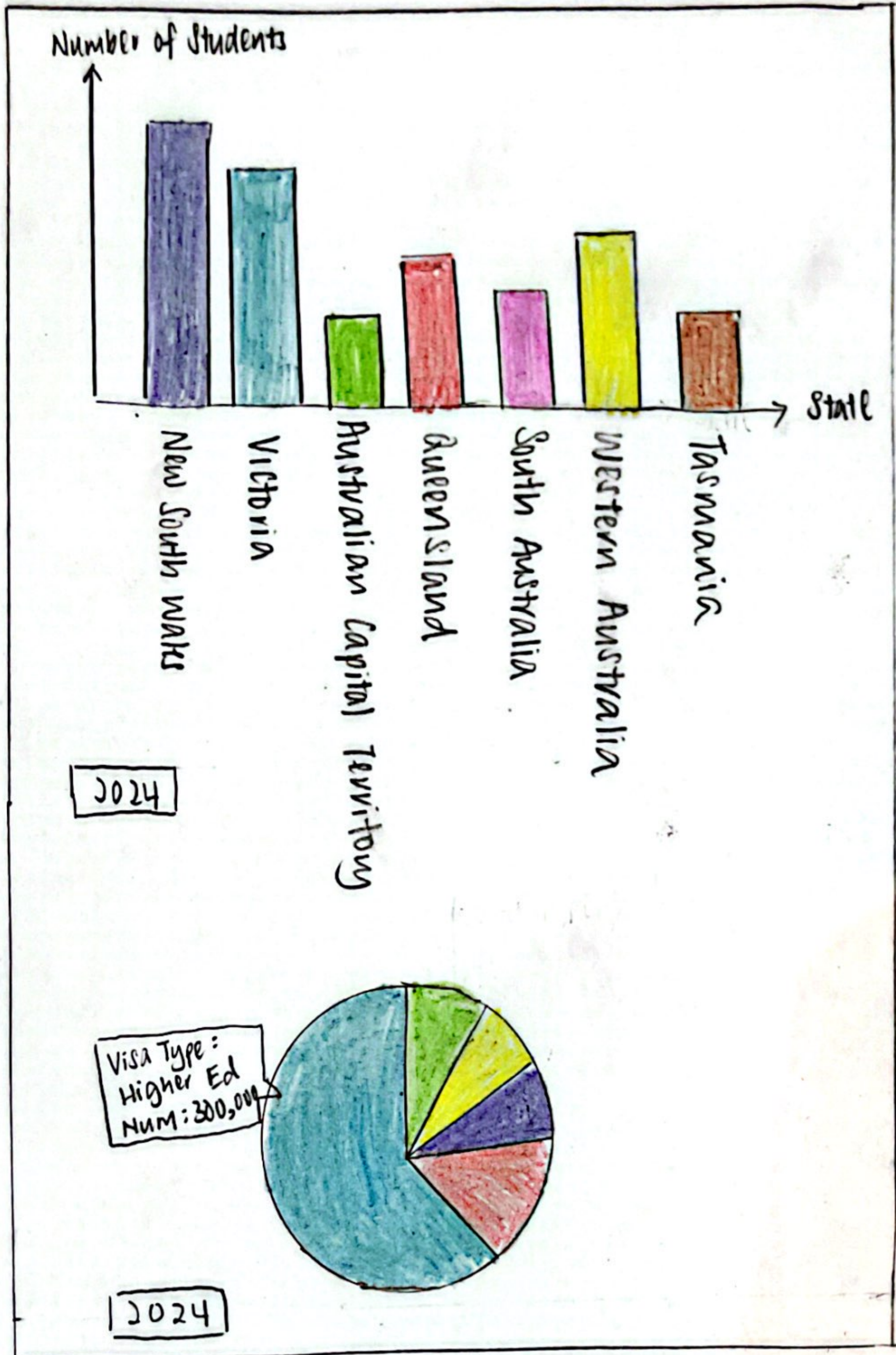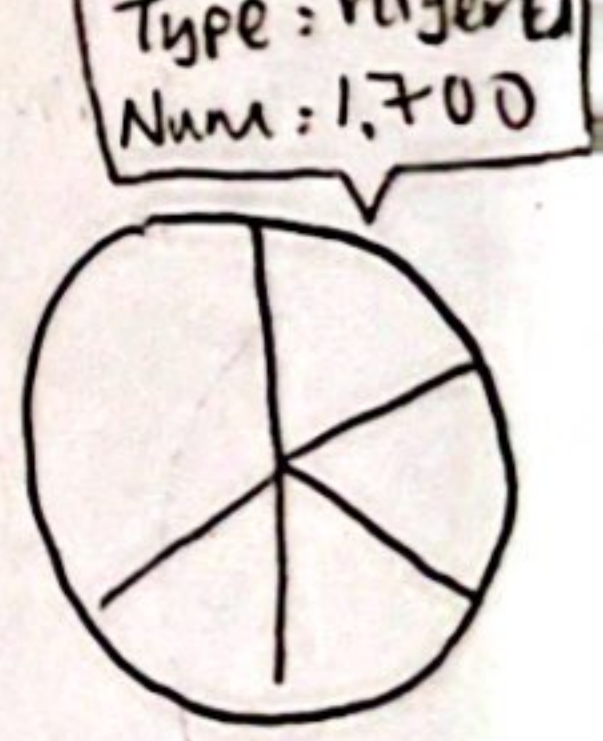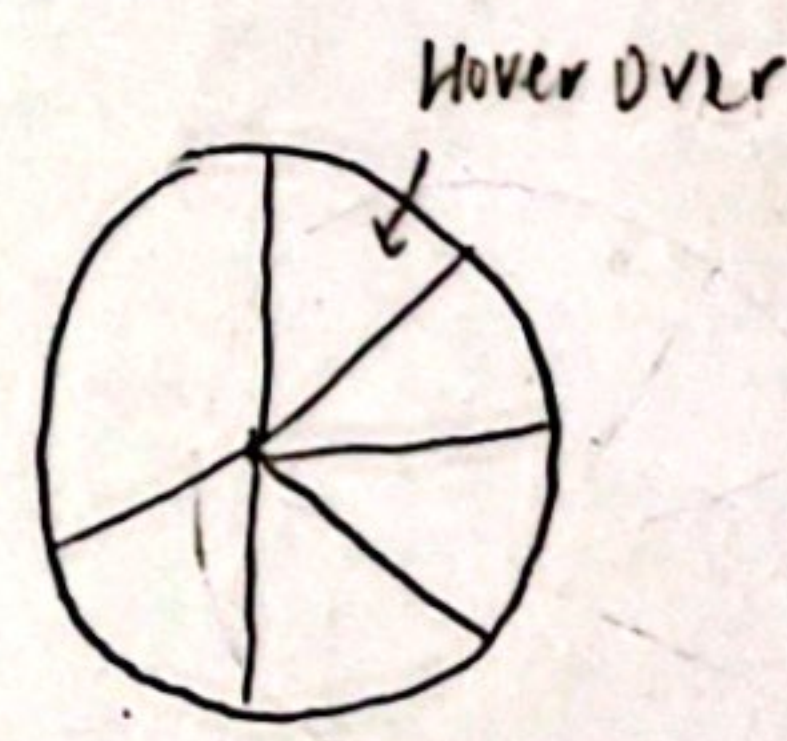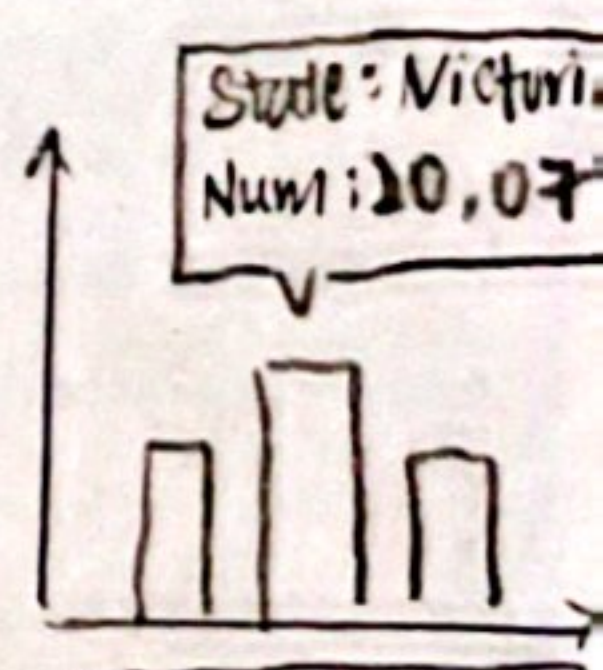| FILTER	CATEGORISE	COMBINE & REFINE	QUESTIONS ?
Victoria → Queensland Number of students 2020 → State → 2024	International Students in Australia by State ↓ Transformation over time ↓ Temporary Student Visa Type Distribution	Number of Students → Year + Linked →	1) Is the implementation doable? 2) Does this help universities understand international student distribution 3) What other data is required?

LAYOUT

Number of Students

State

New South Wales · Victoria · Australian Capital Territory · Queensland · South Australia · Western Australia · Tasmania

2024

Visa Type:
Higher Ed
Num: 300,000

2024

OPERATION

Click

Change

Hover over

State: Victoria
Num: 20,07

Hover over

Type: Higher Ed
Num: 1,700
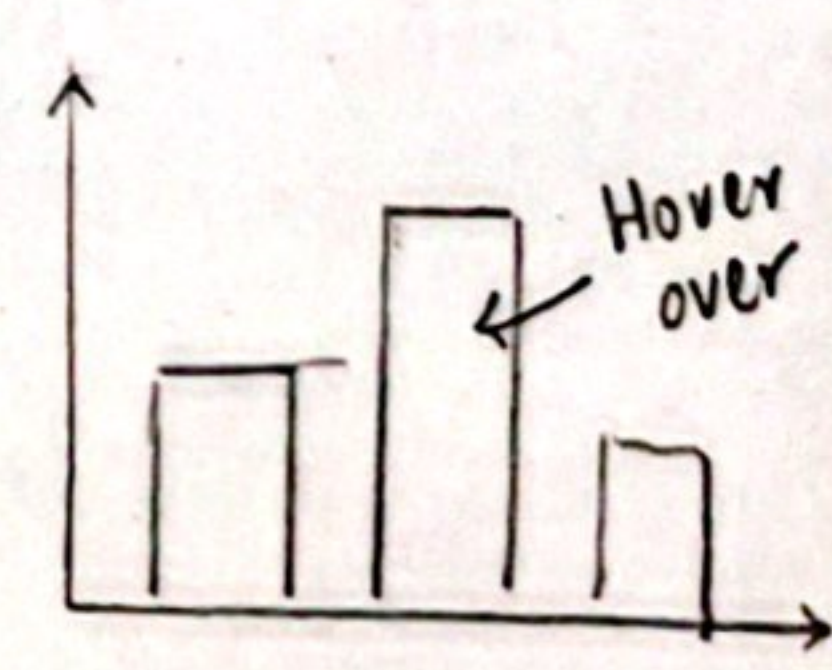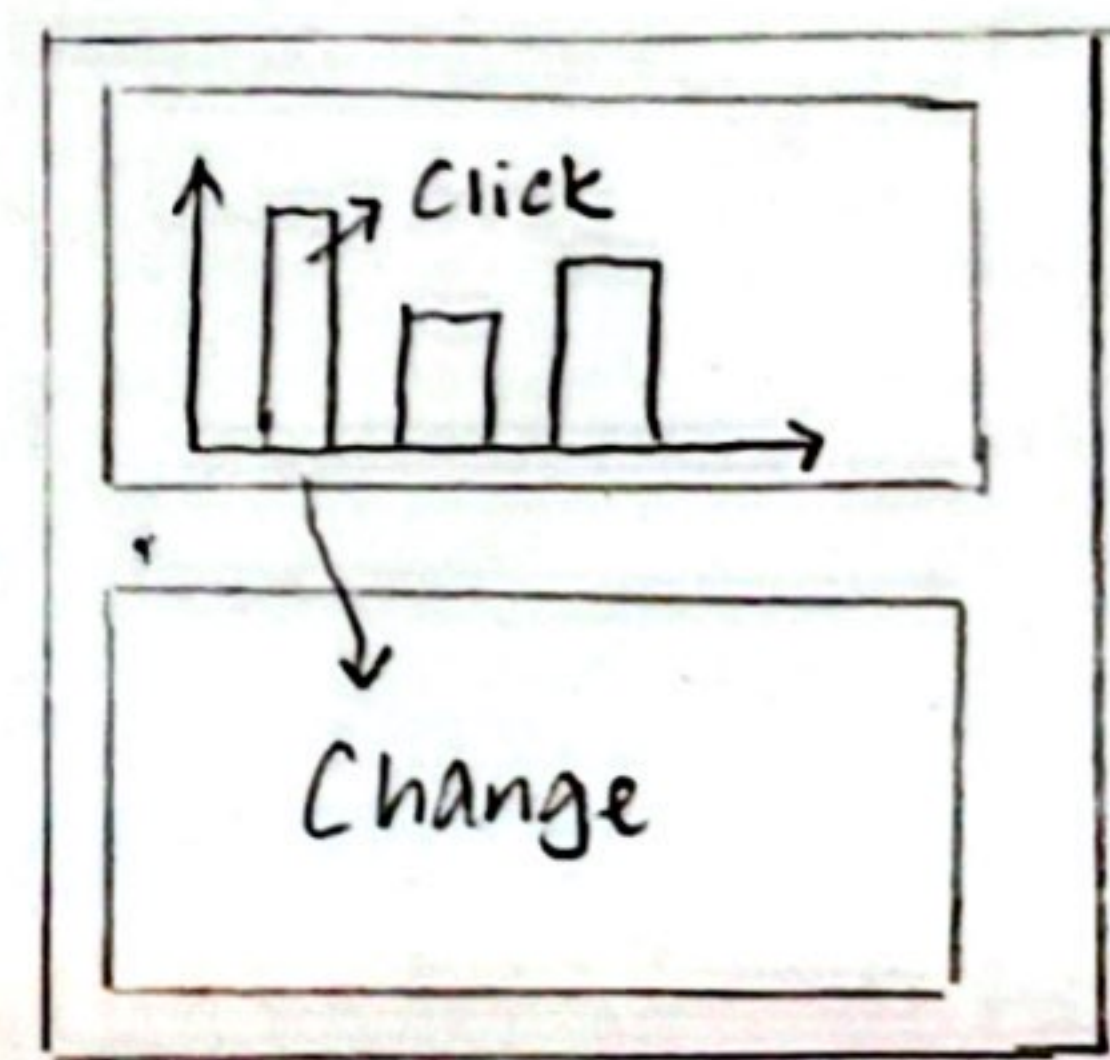
FOCUS
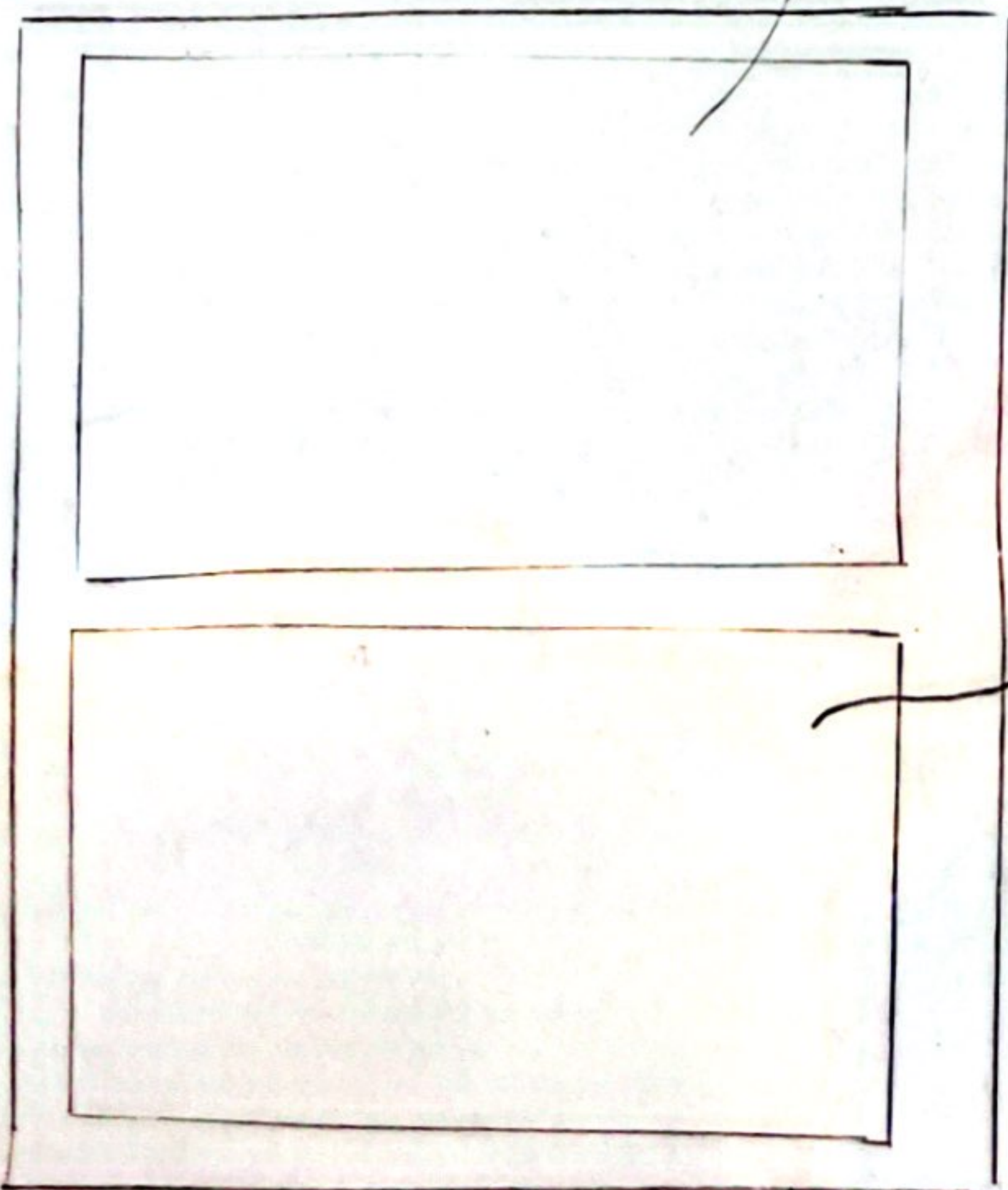
Shows an overview of the number of international students in each state

Compares the number of individual Temporary Student Type in said state

DISCUSSION

→ Too basic, does not give much information

→ Too little informative information

LAYOUT

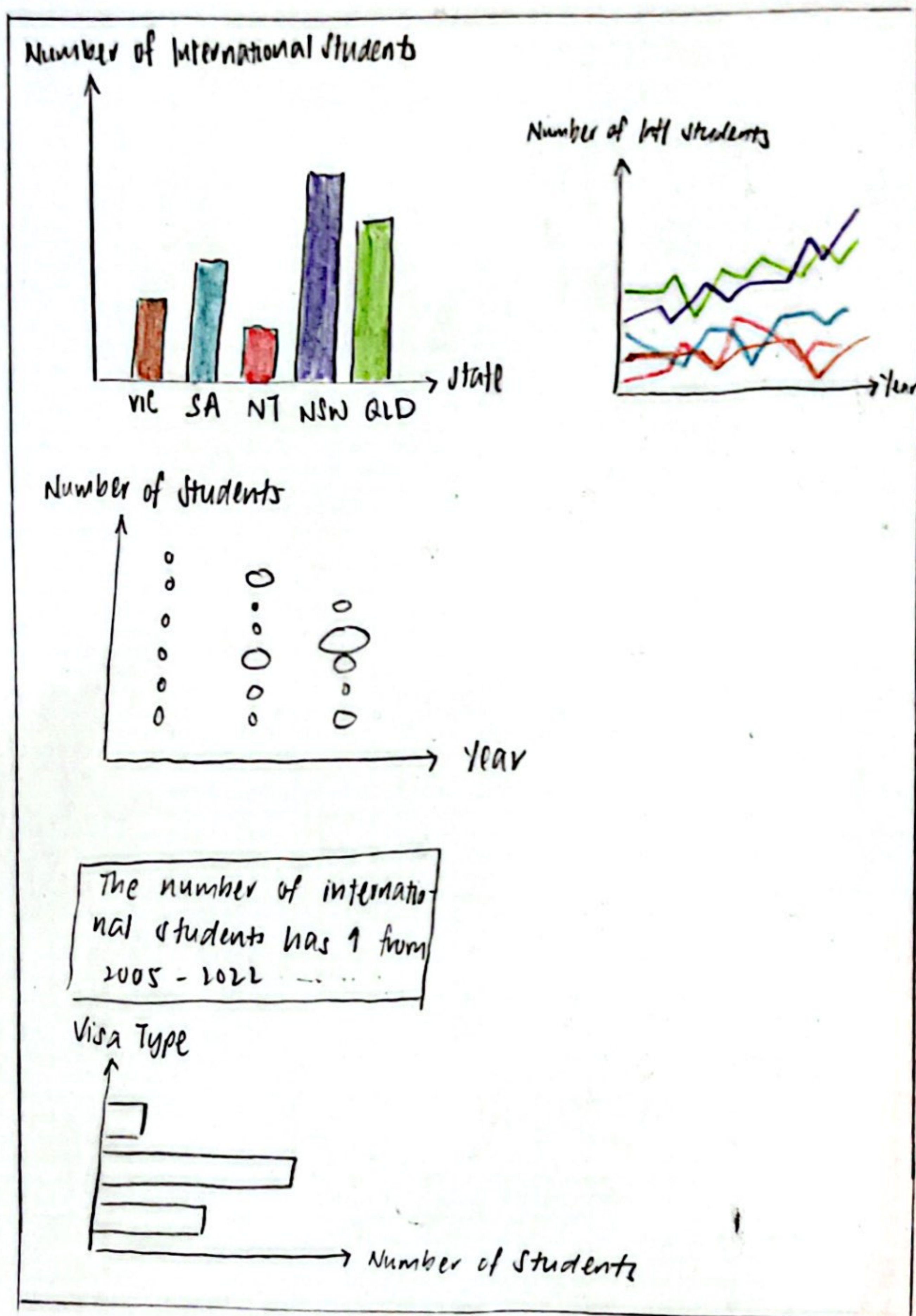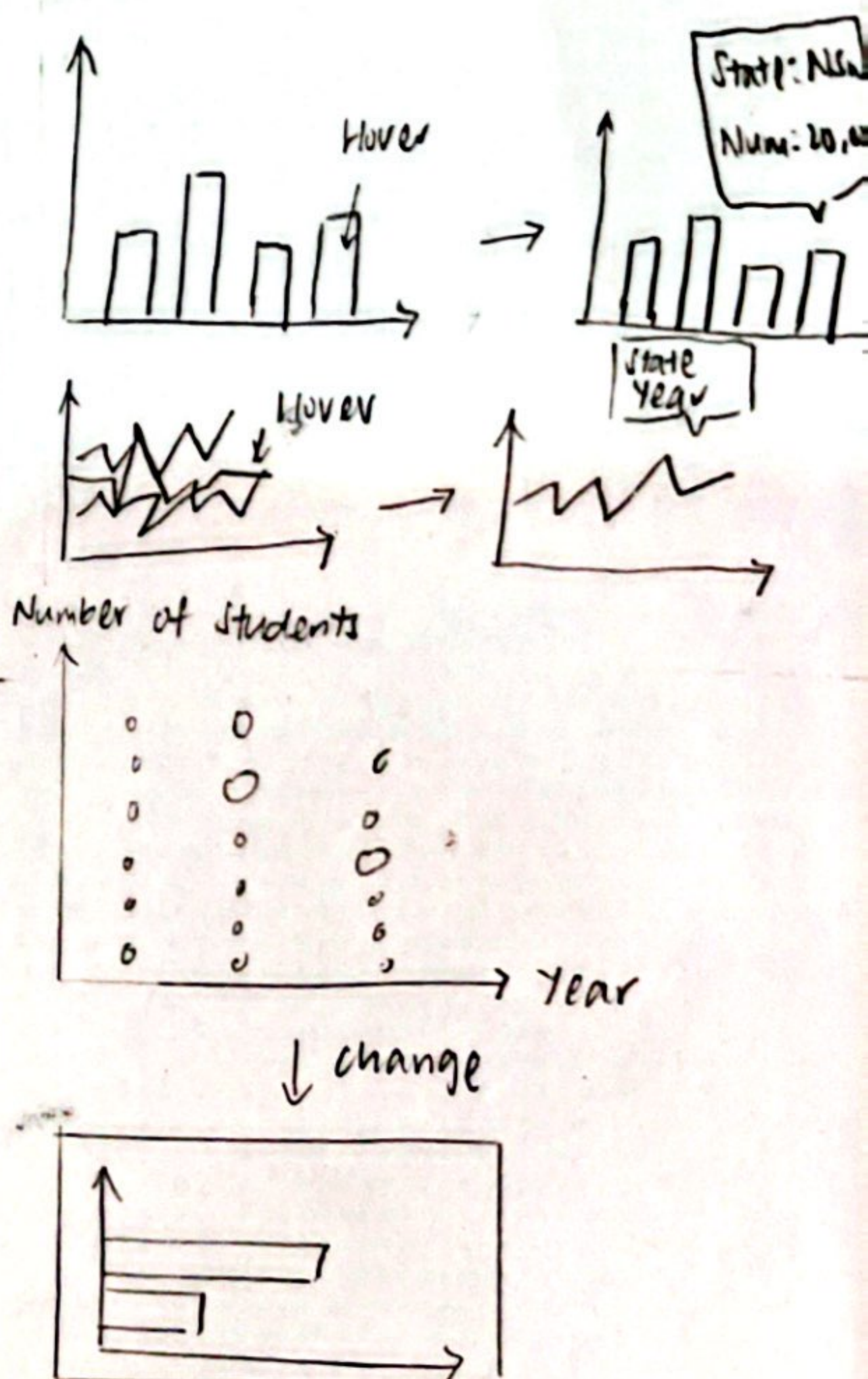Number of International Students

VIC SA NT NSW QLD → State

Number of Int'l Students

→ Year

Number of Students

→ Year

The number of international students has ↑ from 2005 - 2022 . . .

Visa Type

→ Number of Students

OPERATION

Hover → State: NSW Num: 20,... State Year

Hover →

Number of Students

→ Year
↓ change

FOCUS

shows the overview of international students

show the trend across the years

Shows the visa type trend

Detailed showing of visa type trend
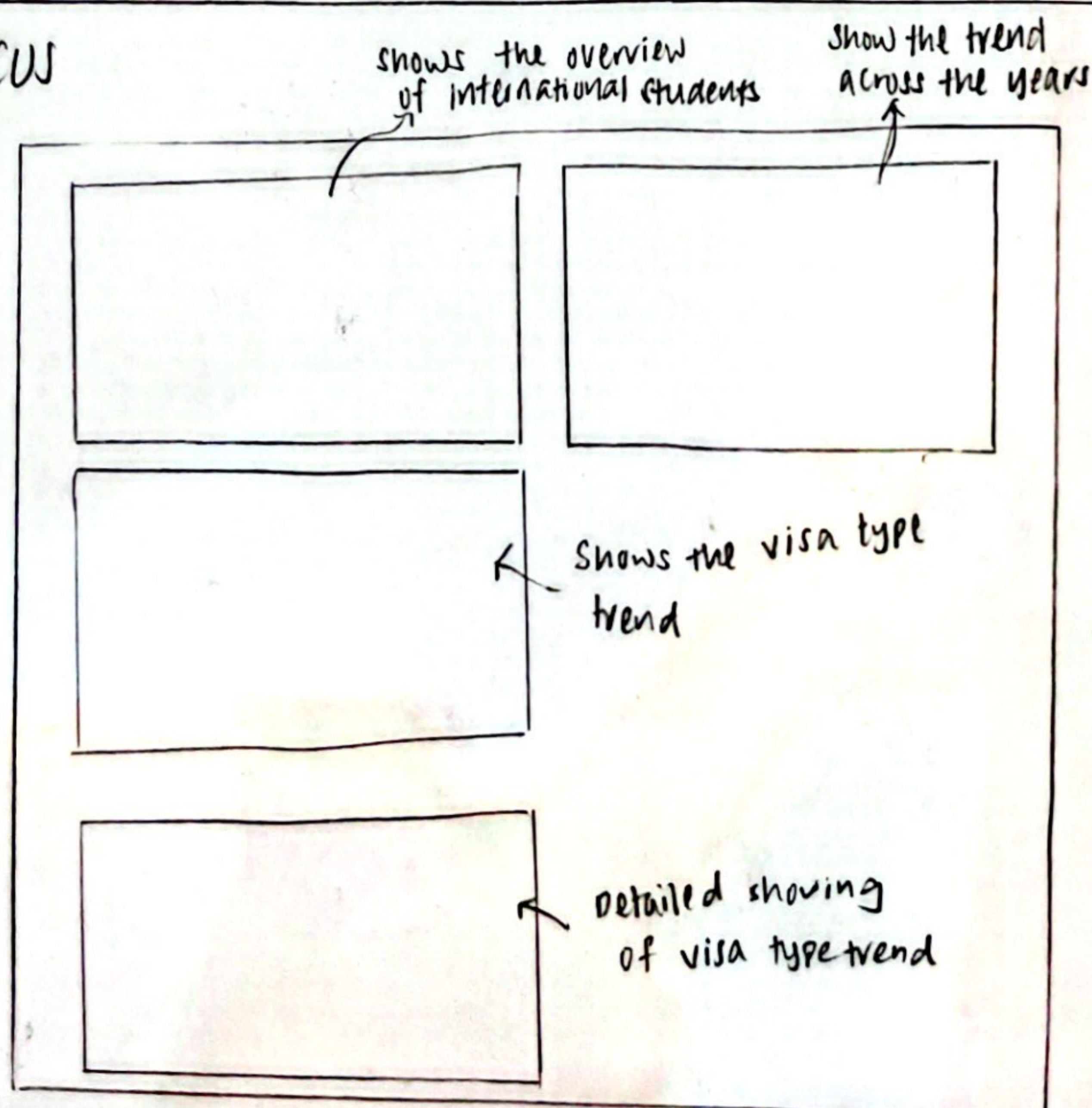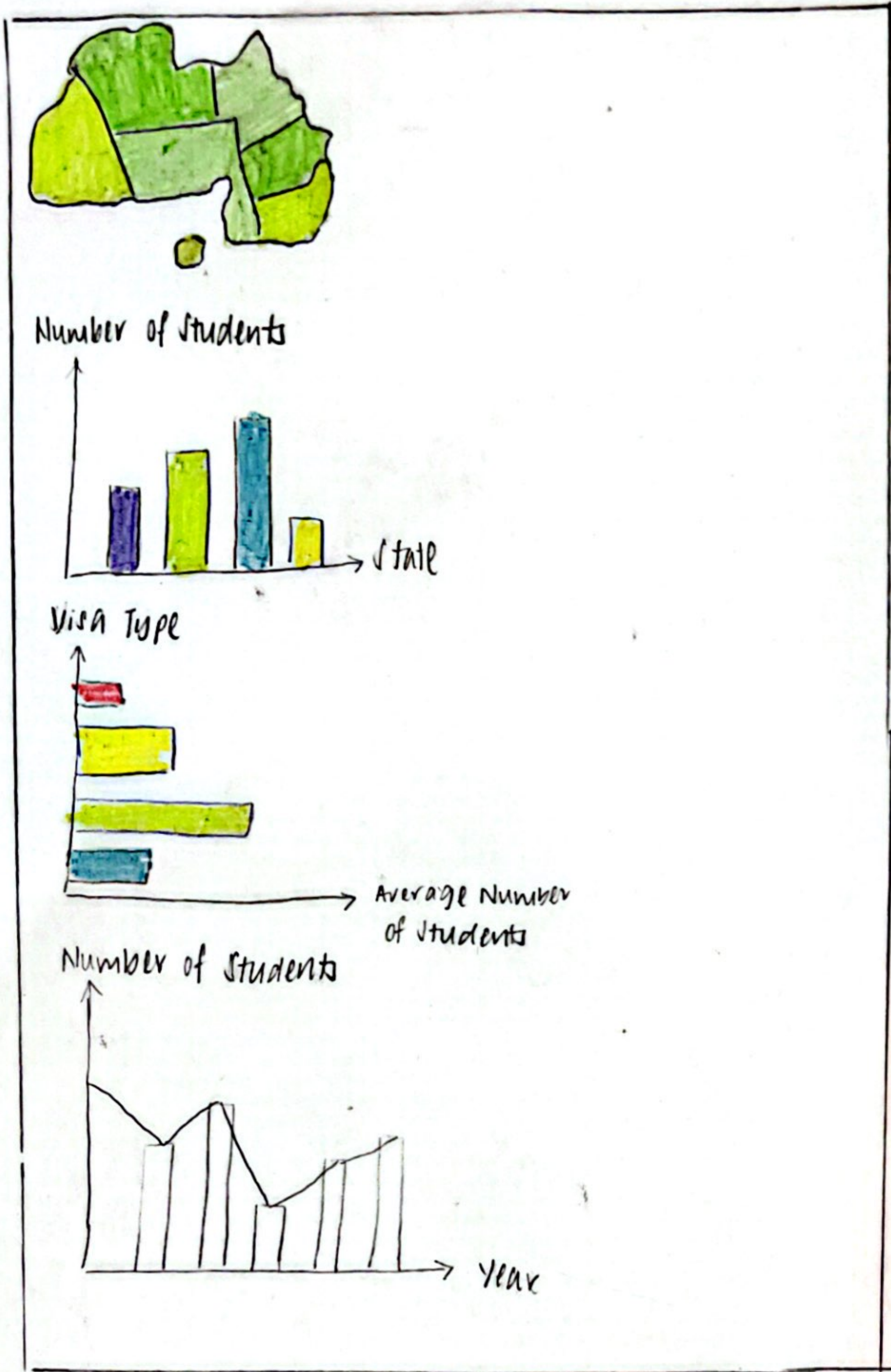
DISCUSSION

→ Could have a more detailed presentation

→ Line chart does not clearly represent trends

→ Not very informative

LAYOUT

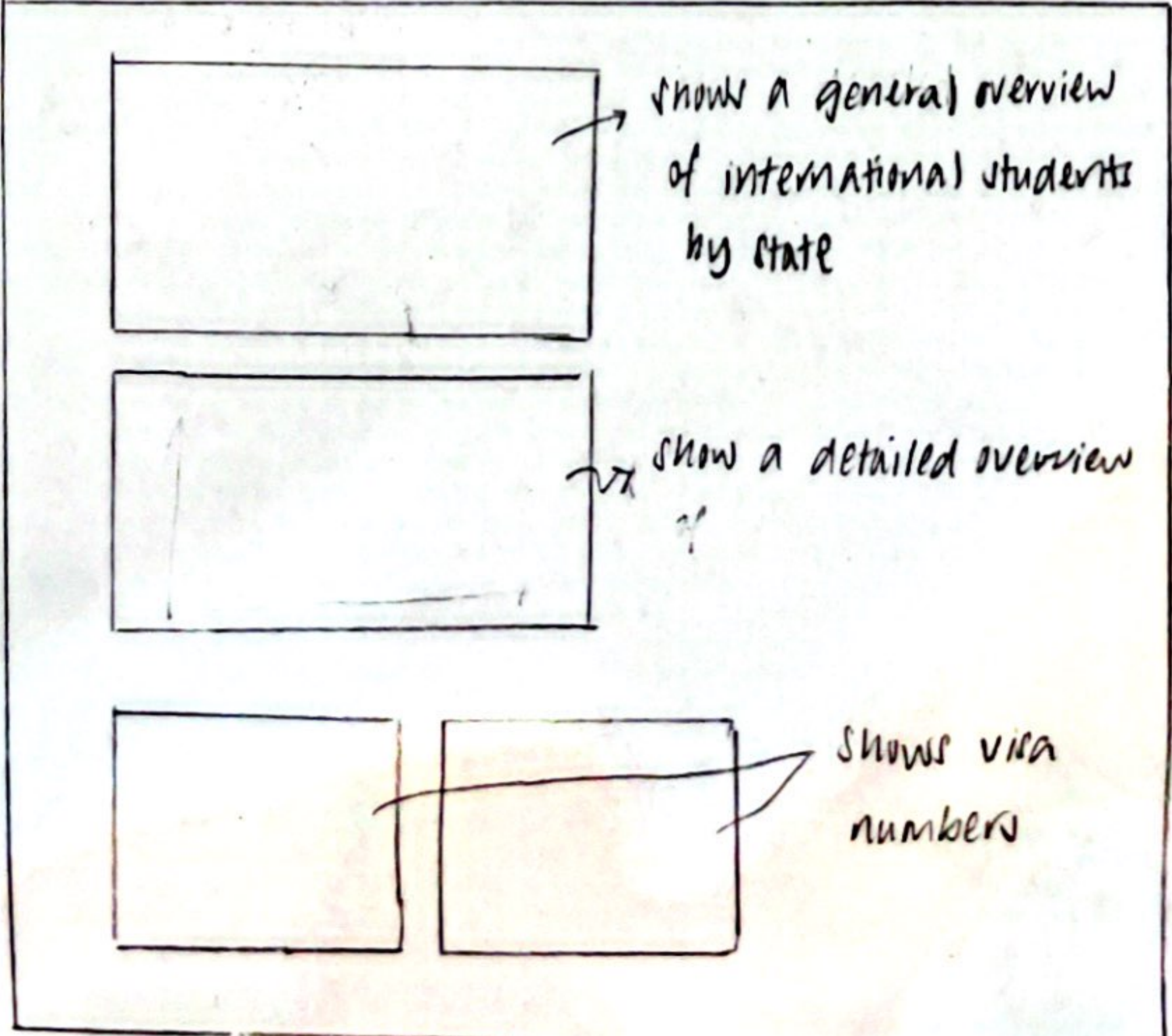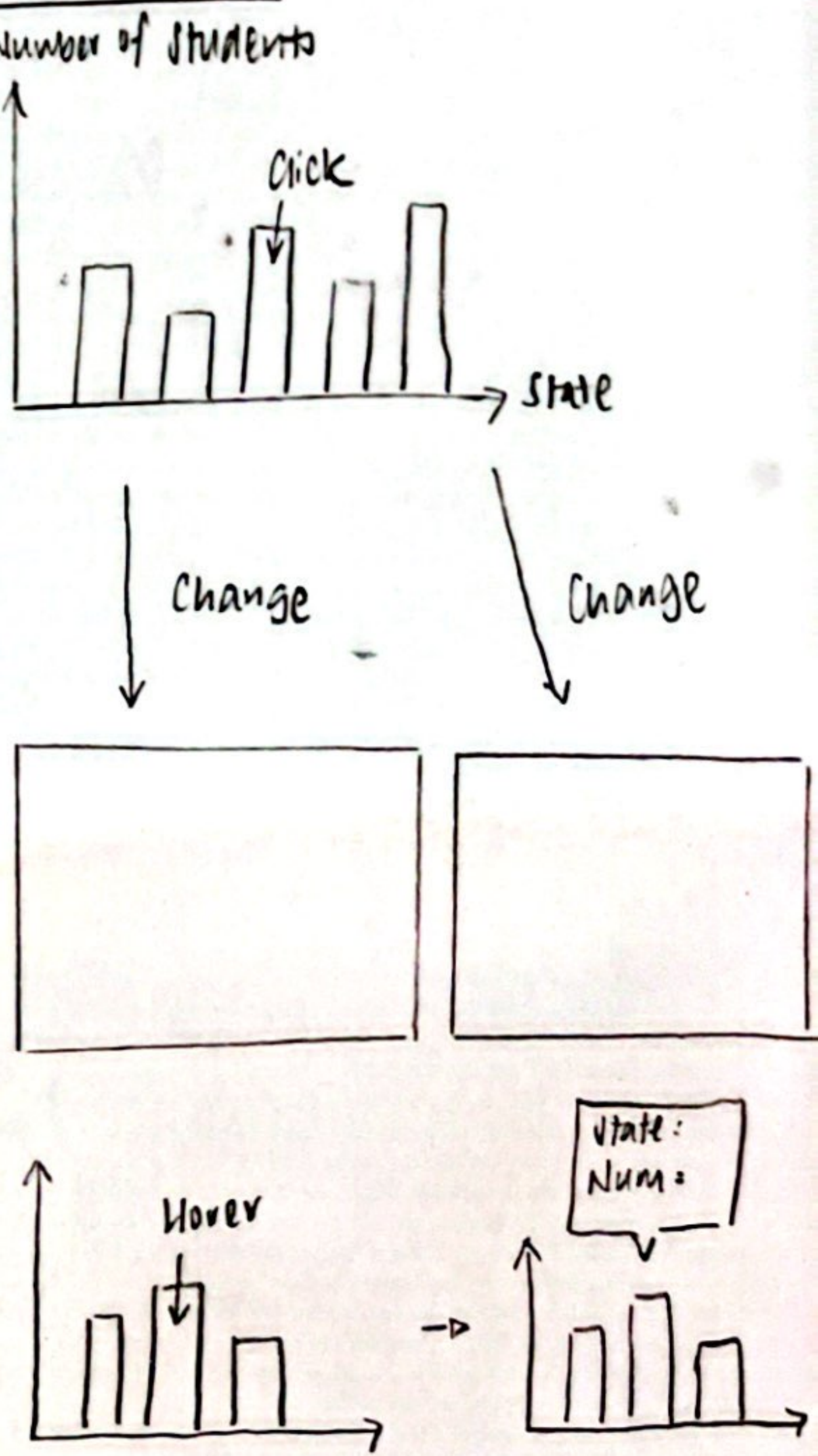Number of Students

State

Visa Type

Average Number of Students

Number of Students

Year

FOCUS

→ shows a general overview of international students by state

→ show a detailed overview

→ shows visa numbers

OPERATION

Number of Students

Click

State

Change | Change

Hover

State: Num =

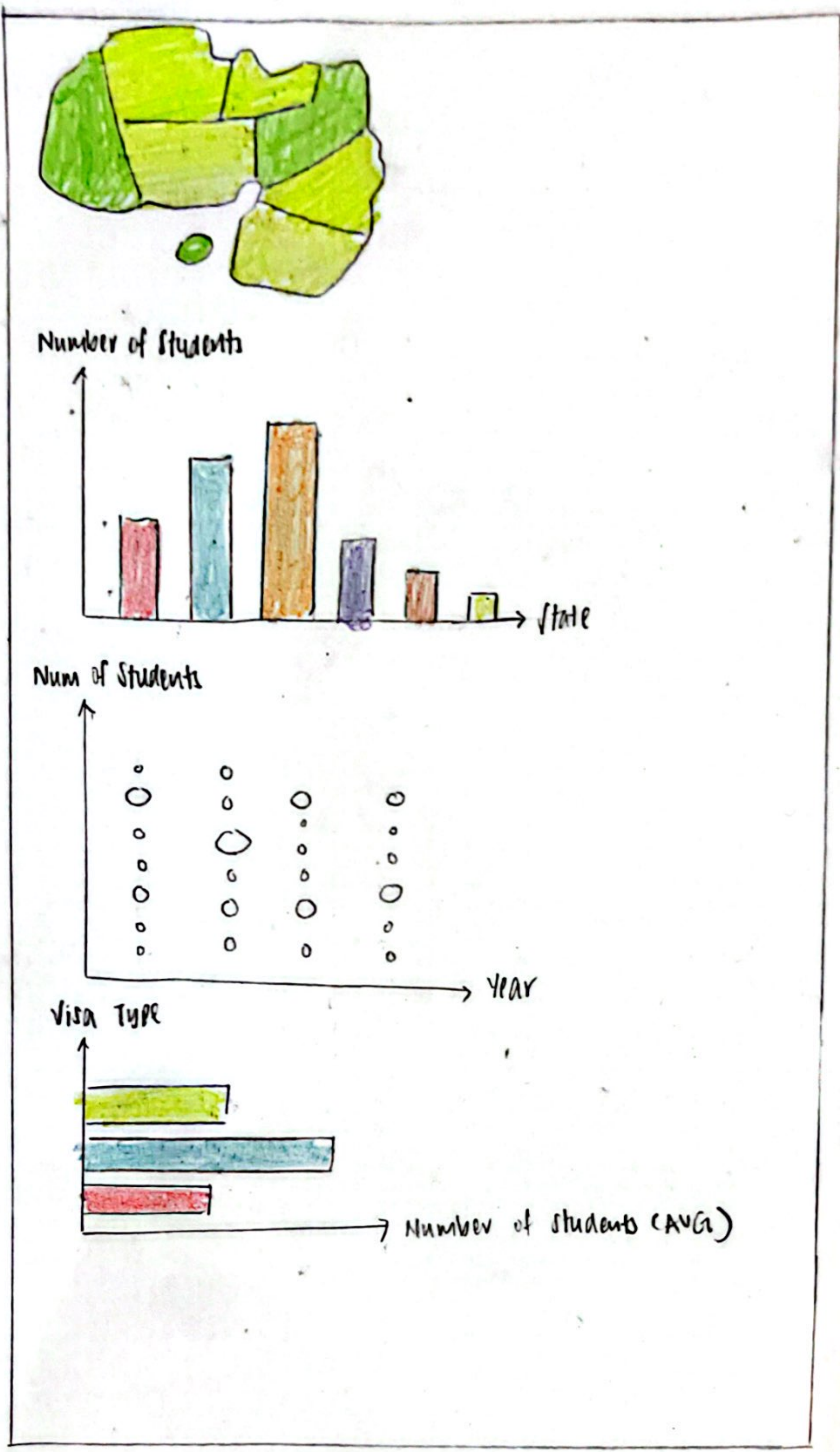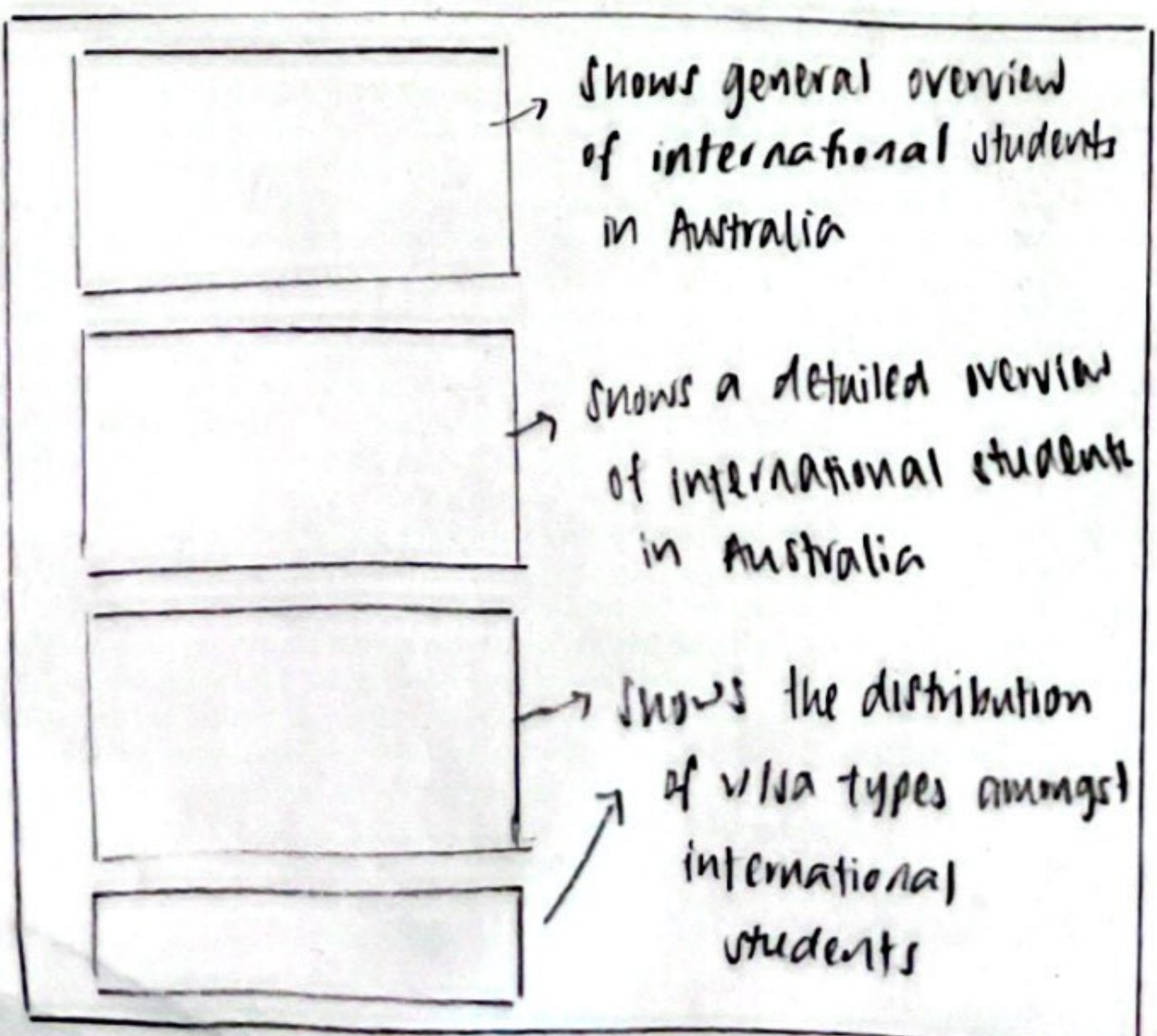## DISCUSSION

→ Map gives a good overview of numbers

→ Bar charts only give overview and does not provide detailed information

LAYOUT

Number of Students
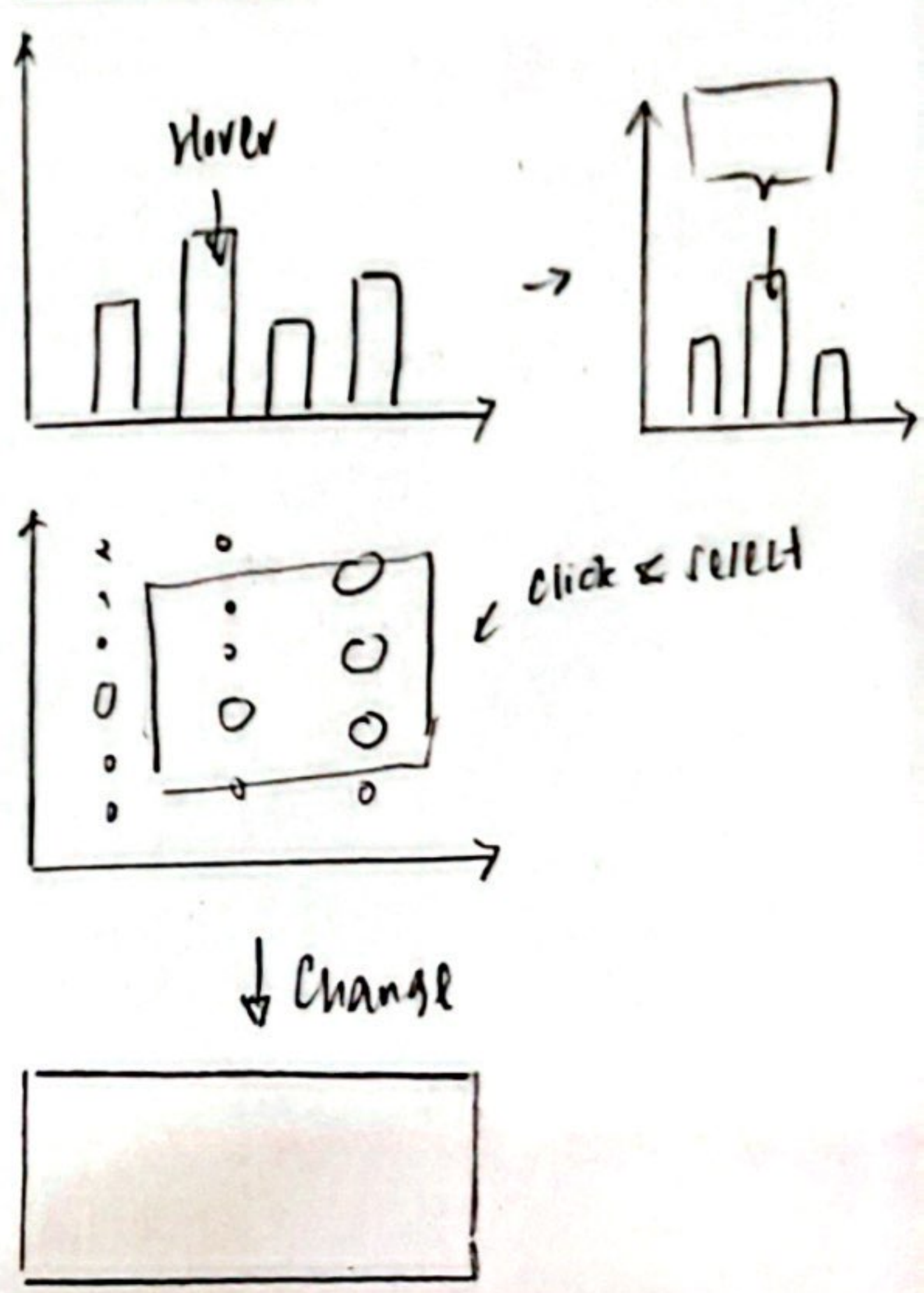

State

Num of Students

Year

Visa Type

Number of students (AVG)

OPERATION

Hover

click & select

↓ Change

DETAIL

↳ Database implementation using CSV file

↳ Implement using Vegalite & display using HTML

↳ Implement using visual hierachy techniques.

FOCUS

→ Shows general overview of international students in Australia

→ Shows a detailed overview of international students in Australia

→ Shows the distribution of visa types amongst international students