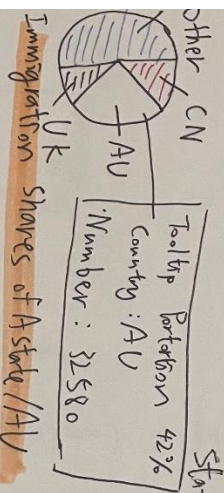
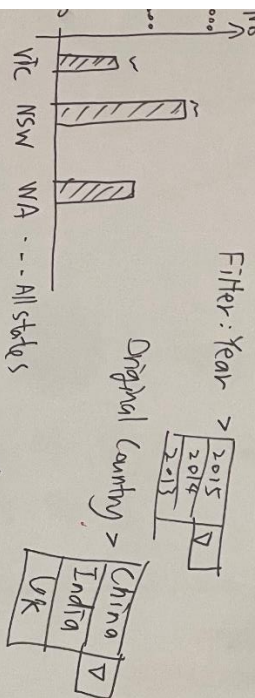


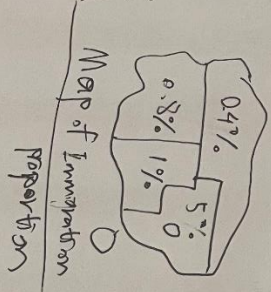
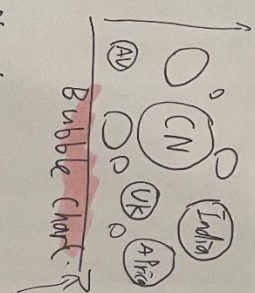
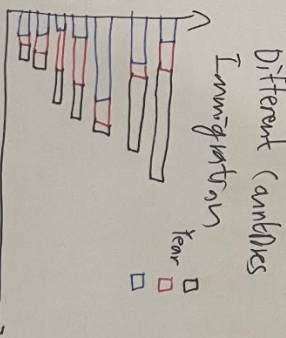
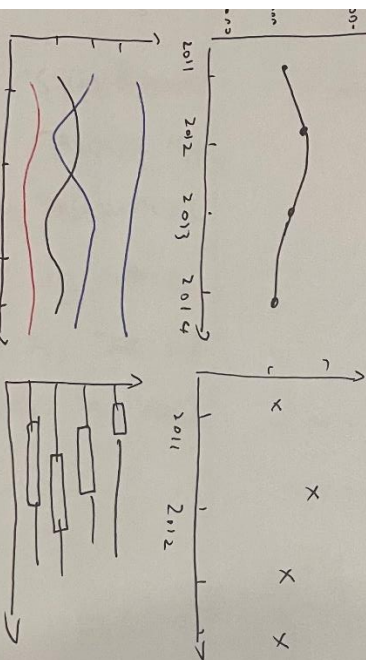
IDEAS ①

This visualisation aims to describe Australian Immigration Trends and Detailed Immigration Statistics, including No of Immigrants and Origin Country they belongs to.

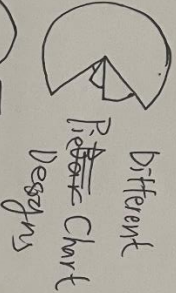
Bar Chart show All States Immigration



Immigration Trend from UK to AU (2011-2015)



Overall Population Immigration No



Possible charts

Pie Chart

Bar Chart

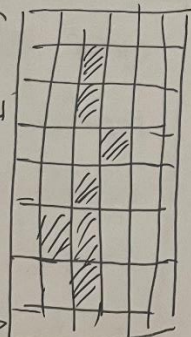
Map

Bubble Chart

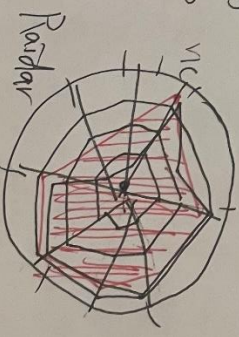
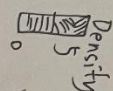
Line Chart

Tree Map

Heat Map

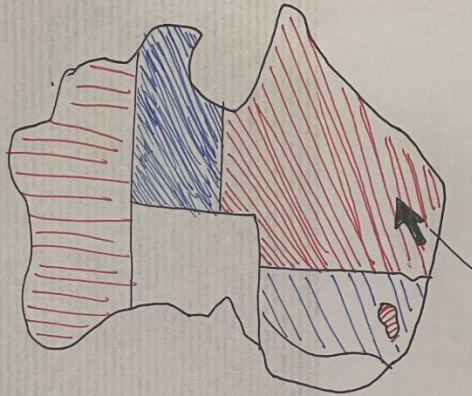
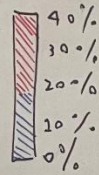


Immigration Population Count January 2021 August 2021



Layout ②

Immigration Percentage



select year

2020
2019
2018
...

State : Queensland
Total Population : 1,000,000
Immi Population : 180,000
Percentage : 18%

Title : Overall Immigration Statistics Overview

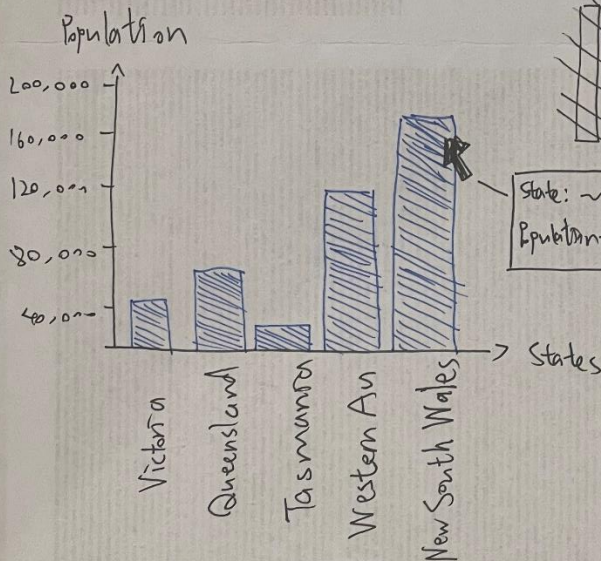
Author : Zhiteng Xu

Task : Overall Immigration Population by state

Operations:

- ① Users are able to check detailed info by tooltips
- ② Users are able to select years as a filter

Immigration Percentage by States of Australia (2020--)



select Year

2020
2019
2018
2017
...

State: ~~~
Population: ~~~

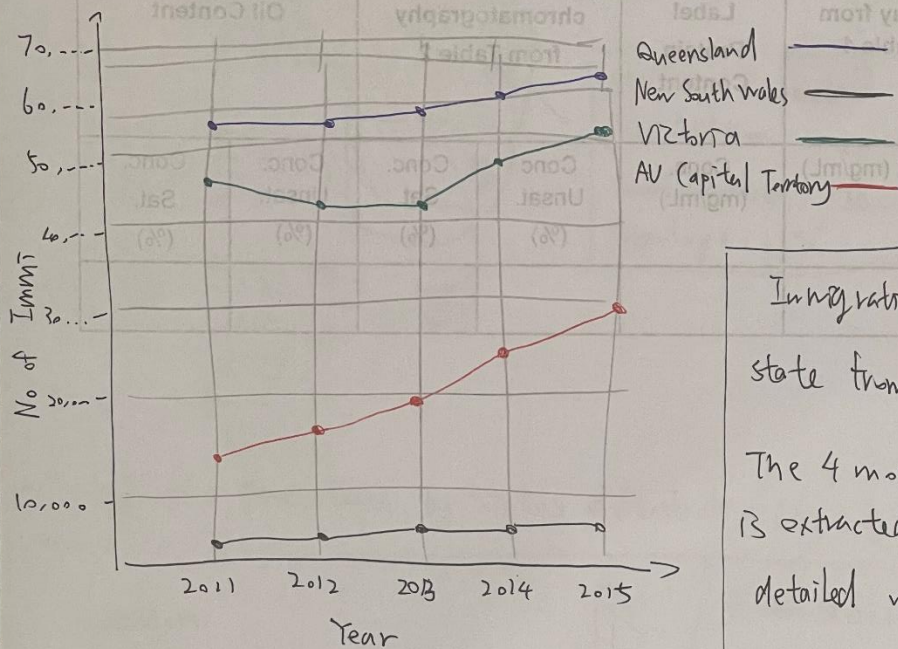
Discussion

- Maybe Put these two charts in one section, and let them share one filter
- Filter can be slider
- This section shows the overall Immigration Data, gives user a brief understanding of AU immigration distribution. Map data is normalised as Immi. Percentage, which is calculated by $\text{Immi pop} / \text{overall pop of a state}$.

Total Population of AU Immigration by Year (2020--)

Layout ③

Comparison of Immi data for each State in AU



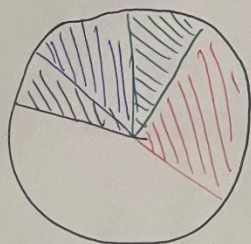
Operations:

This section shows immigration shares for different states of Australia. Each pie chart represents the share of

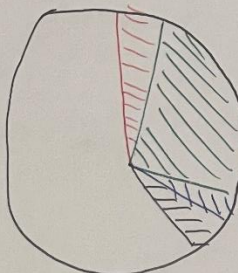
immigration to a particular state from 2011 to 2015.

The 4 most outstanding data is extracted to give a more detailed visualisation.

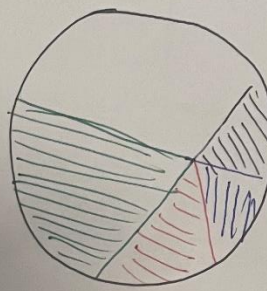
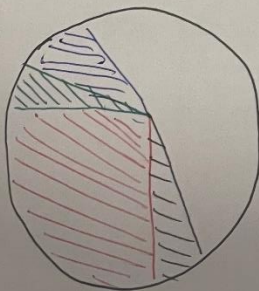
Top 4 Hot Immi States Immigration Composition



Queensland



Victoria



- China
- India
- UK
- New Zealand
- other

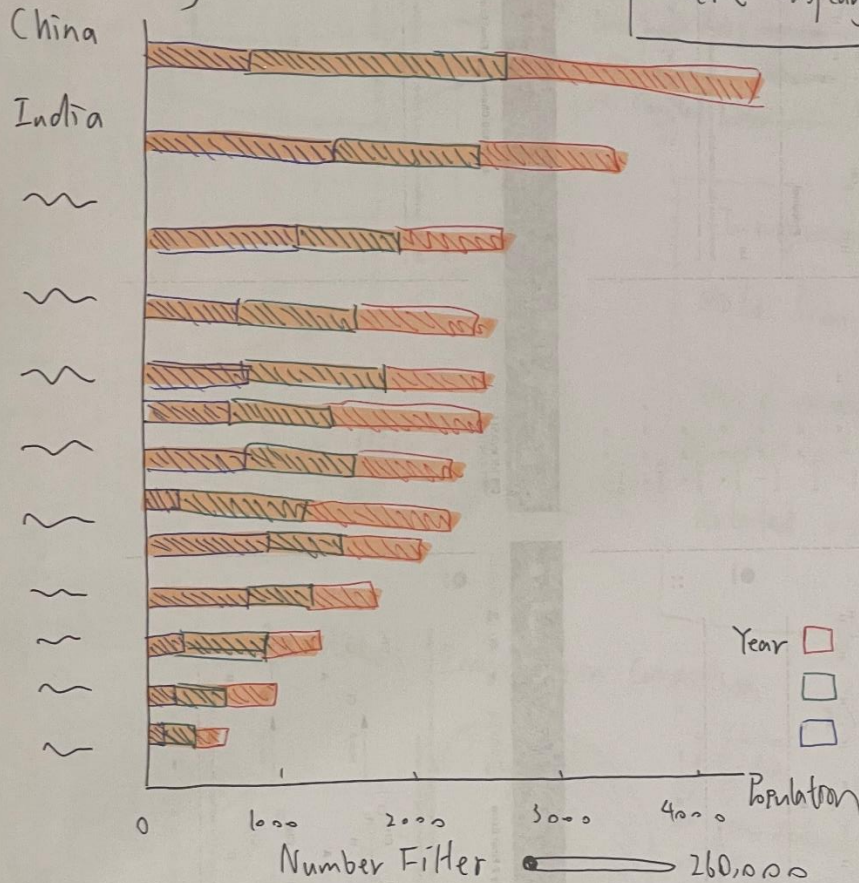
Each state from the 4 pie charts shows ^{Top 3} major component countries and the left are

included as others.

By this, readers can have a better understanding of what ~~is~~ makes up the immigration group

Layout (4)

Bar Chart of Immigrant Population
by Country of origin

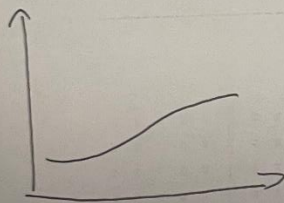


This bar chart highlights the top countries contributing to the immigrant population in Australia between 2011 and 2015. The chart displays yearly immigrant

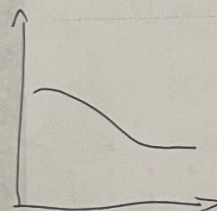
numbers for each country. Slider can be used to filter the data

Immigration Trends for Top 2 Countries (2011~)

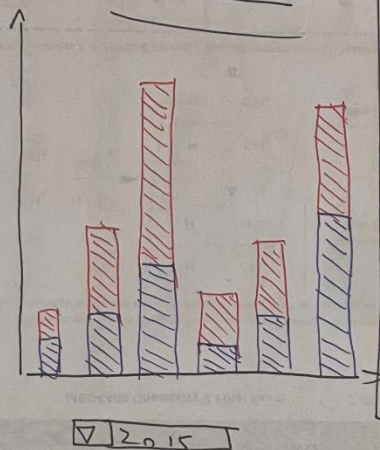
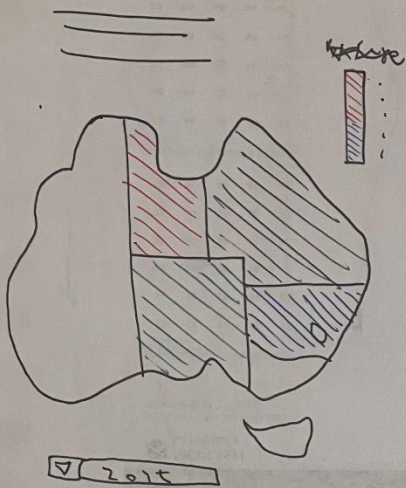
For India



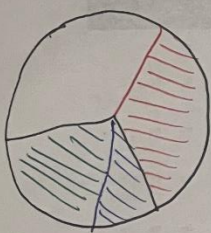
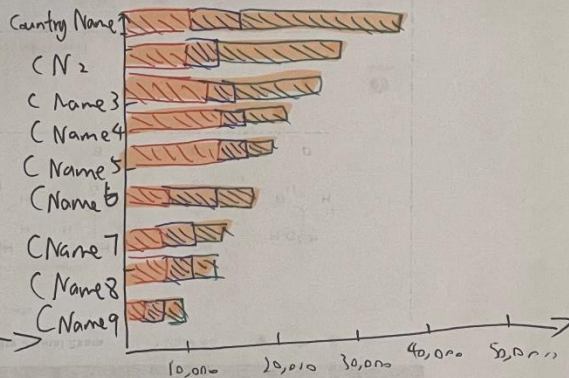
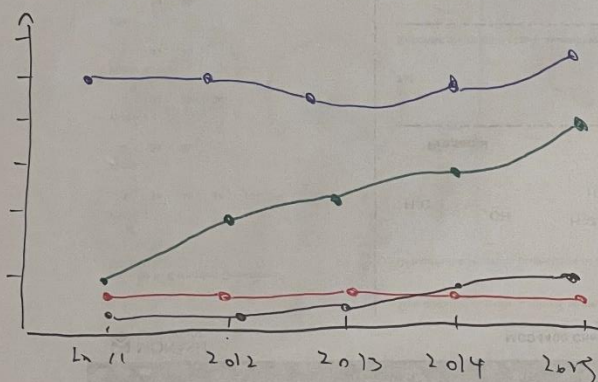
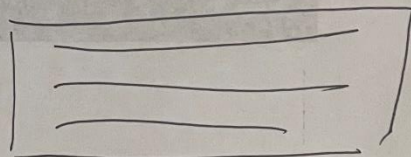
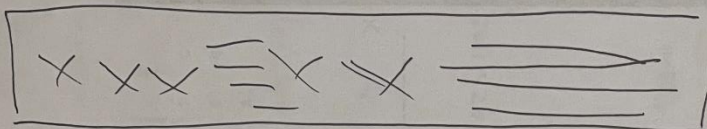
For China



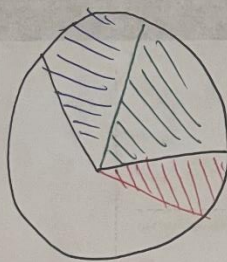
The line charts present the immigration trends for top 2 countries with the highest no of immigrants.



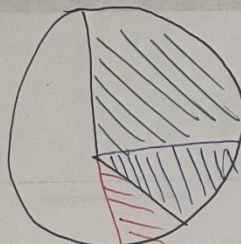
Non-Australian
Immigrant
Statistic from
2011-2021



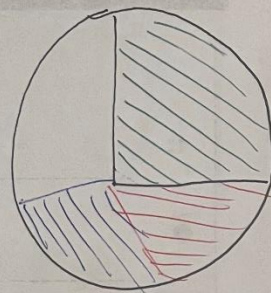
Queensland



Victoria



New South Wales



Top 4 Hot Imm States Comparison
Immigration

