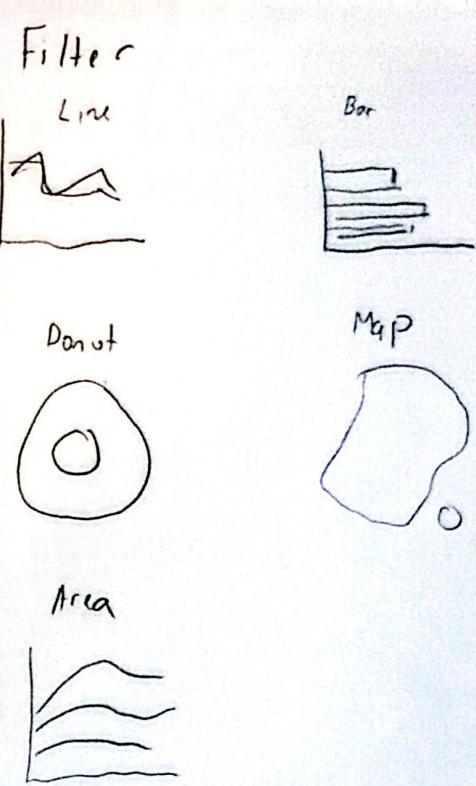


# Ideas

- Line chart for migration
- Map: migration origins by country
- Bar chart top source countries each year
- Area chart: visa categories (students, family)
- Pie chart: Australian vs Overseas
- State map
- Age gender pyramid



## Purpose

### Lines & Area

Show migration trends and visa growth

### Maps

Show origin and settlement

### Bar Chart

Compare top migrant countries

## Combine and Refine

Combine map + bar chart

"Where do migrants come from"

(combine line chart & area)

"How migration changed over time"

• Pair demographic + state map

"Who and where they settle"

## Questions

- Does the layout tell a good story
- Do I have a wide range of visualizations
- Will the maps load quickly
- Do I have enough visuals

Title: Australian Immigration

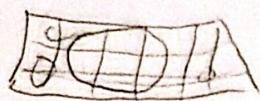
Author: Lohith Karthik

Date: 02/10/2025

Sheet 1

# Layout

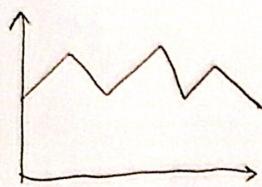
World Map



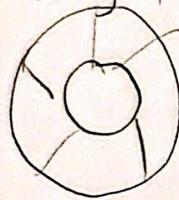
Australia Map



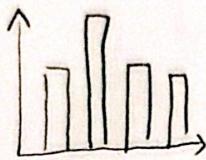
Migrations



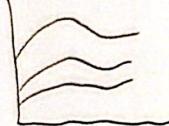
Country of birth



Top countries



Visa type



Title: Australian Migration

Author: Lohith Koethrajan

Date: 02/10/2025

Sheet: 2

## Operations

Filter year for world map & australia map

Click on legend to filter specific visa type

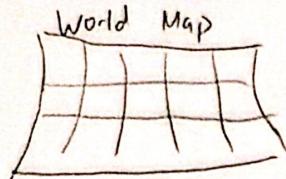
## Focus

- User can explore changes over time and between migration categories
- We group similar nations together as the layout
- Less story telling more easy to understand layout

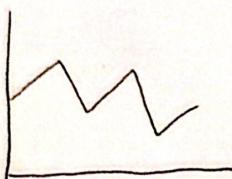
## Discussion

- Will filtering be smooth
- Should keep colour consistent across charts
- Careful of lag when using heavily detailed maps

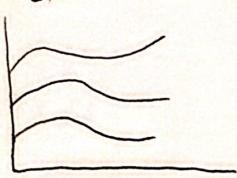
## Layout



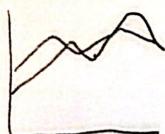
Migration over time



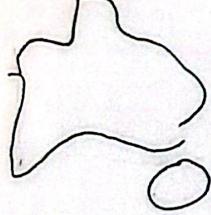
Stacked Area Visa



Gender and Age



State Migrations



Title: Australian Migration  
Author: Lohith Karkkasan  
Date: 02/10/25  
Sheet: 3

## Operations

- timeline filtering, for world maps, migration etc.  
to see how it's changed over time
- Dynamic annotations, calculates a dynamic annotation  
to indicate increases or decreases
- Drop down gender and age selector
- Interactive legends

## Focus

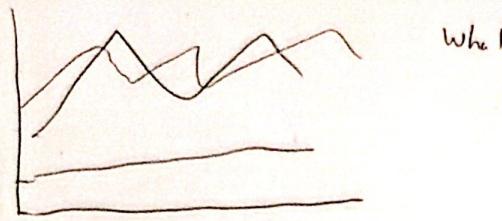
- Greater emphasis on storytelling
- Vertical scroll through to see the dashboard
- Focus on why migrants come and from where
- More insightful analysis

## Discussion

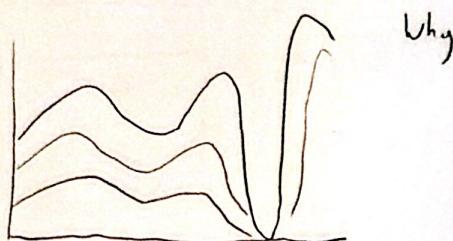
- Data limitations, is this data available
- Is this storytelling clear
- Are there sufficient visualizations  
to deliver adequate insights

## Layout

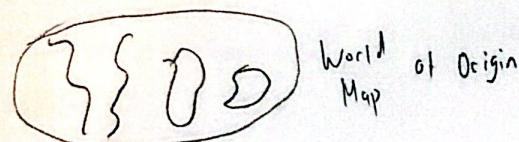
Arrivals, Departures, Net Migration



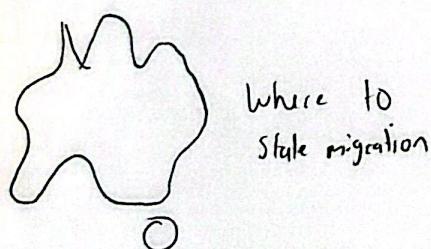
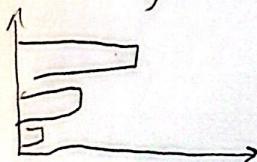
Visa type



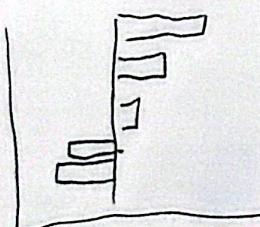
Where



Top country



Global Migrations



Title: Australian Migration

Author: Lohith Kothiyal

Date: 02/10/2025

Sheet: 4

## Operations

- Filters for different years
- Clickable area to highlight
- Clickable legend to highlight
- Drop down gender and age selections
- Tooltips to gain more information like exact numbers

## Discussion

- Will I have enough annotations
- Are these visualisations complex enough
- Is all this data readily available
- Is the layout too boring? One vertical scroll
- Will there be enough insights from this
- Do I have enough visualisations

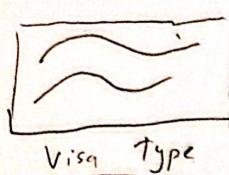
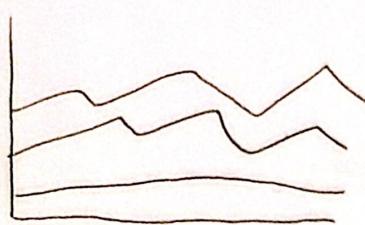
## Focus

- Strongest story telling following, What, why where, who etc.
- Wider range of visualisations
- Easy vertical scroll

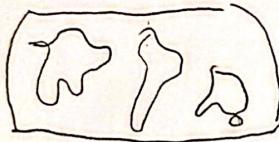
# Layout

From sheet 4

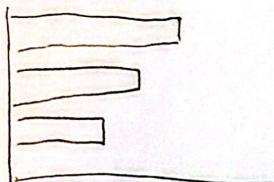
## Net Migrations



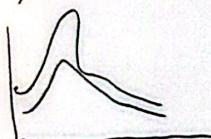
## Global Sources



## Top Countries



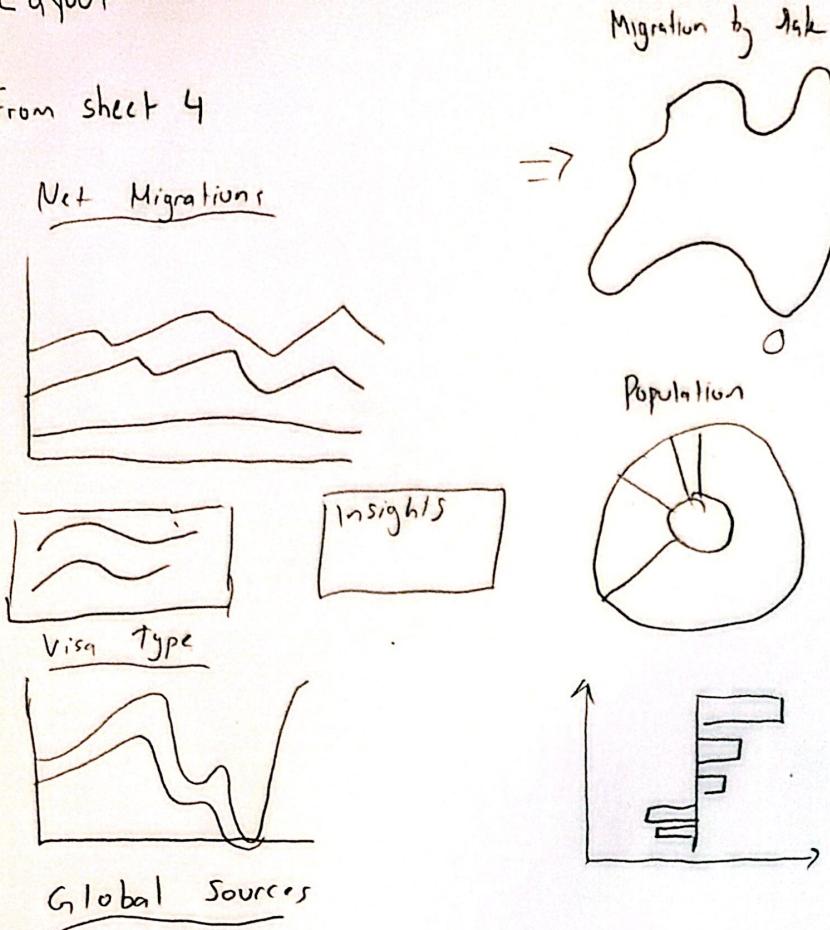
## Age & Gender



(continues on the right)

## Detail

- Colour palette: blue reddish colours for Australia
- Typography simple and readable
- Layout: Vertical scrollable storytelling flow
- Annotations for big events e.g. COVID



Title: Australian Migration

Author: Lohith Kothiyal

Sheet 5:

Date: 02/10/2025

## Focus

- Present migration history in a narrative driven way
- Help users understand how, who and where migration patterns over time
- To combine time, geography and category dimensions into one visual
- Readability, storytelling flow

## Answers

- How has migration evolved
- Which countries contribute most to migration
- Where do migrants settle
- What visa types?

## Operations

- Adjust year slider
- Hover for tooltips
- Dropdown for visa categories
- Interactive area graphs
- Interactive legends