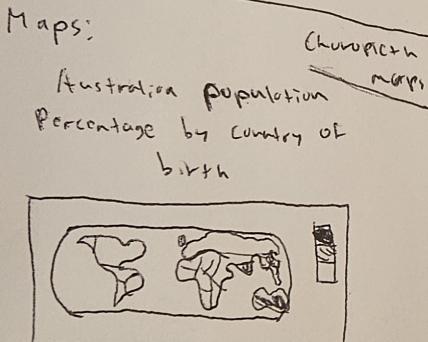
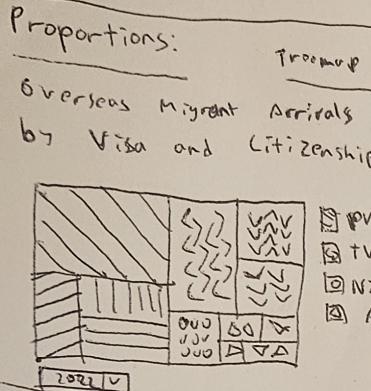
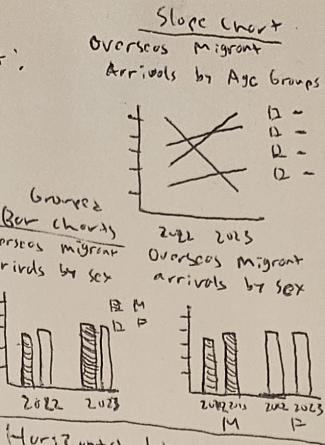
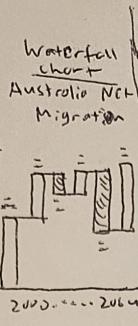
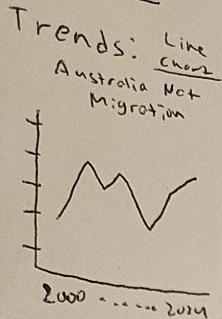
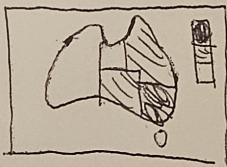


IDEAS



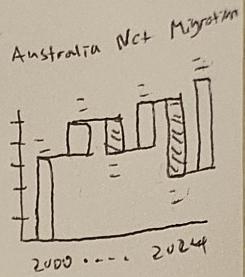
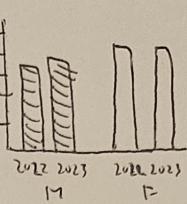
Net Overseas Migration by each State



FILTER

Trends:

Overseas Migrant Arrivals by Sex

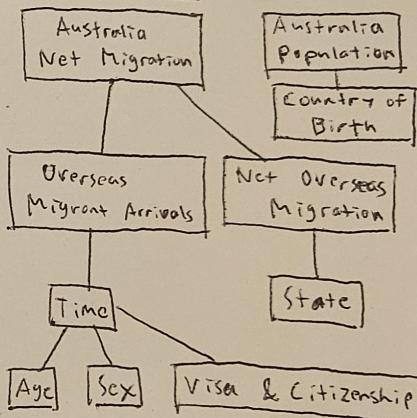


More
Intuitive

More
Interesting

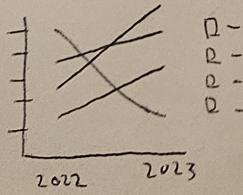
Horizontal dot plot
idea ~~scrapped~~ Scrapped.

CATEGORISE

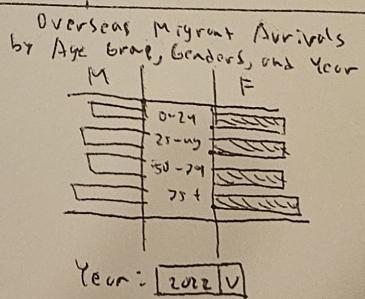
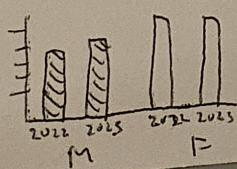


COMBINE & REFINING

Overseas Migrant Arrivals by Age Groups



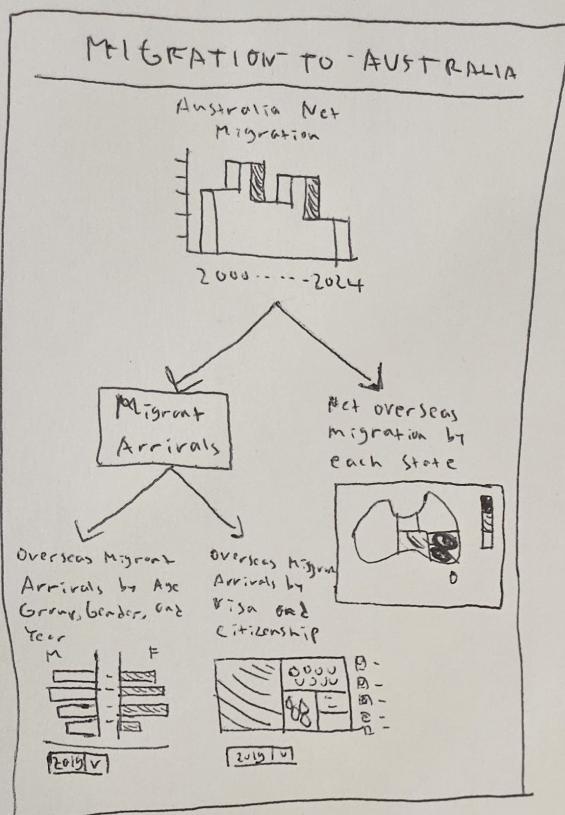
Overseas Migrant Arrivals by Sex



QUESTIONS

1. Does this provide desired insight on Australian migration and its demographics?
2. Can the visualisations be created with vega-lite?

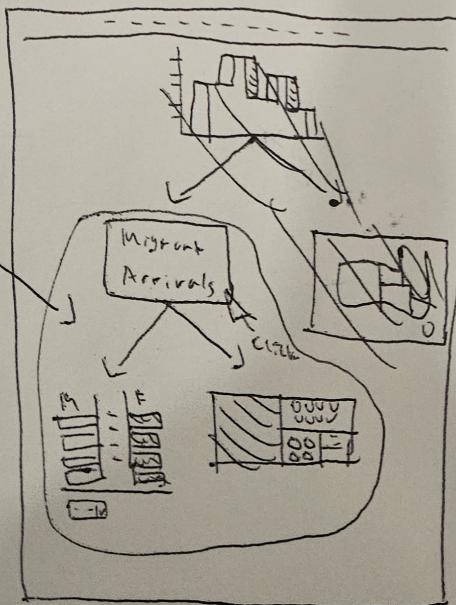
LAYOUT



FOCUS

By default,
everything is
focused.

But if a
visualisation is
clicked, only the
clicked visualisation
and its descendants
are focused.



SUMMARY

Title: Visualisation with Tree Layout

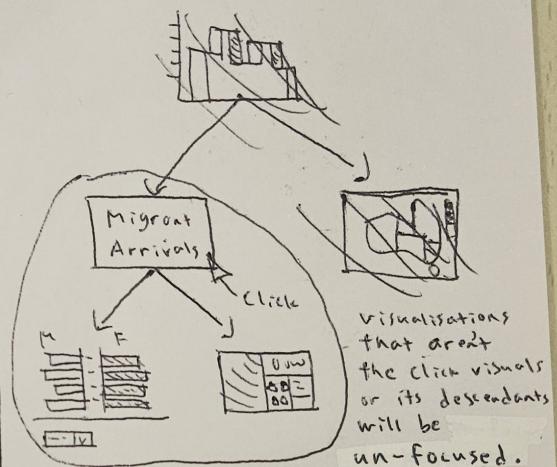
Author: Kenny Lukito

Date: 15/10/2025

Sheet: 2

Task: Create grouped visualisations using tree hierarchy

OPERATION



DISCUSSIONS

- + Visualisations are intuitively organised by subtopics using the tree ~~structure~~ hierarchy scheme.

- Awkward layout (poor sightlines, awkward viewing path, weird use of white space) etc)

- No annotations

LAYOUT



SUMMARY

Title: Comic Strip Storytelling Visualisation

Author: Kenny Lukito

Date: 15/10/2025

Sheet: 3

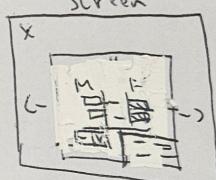
Task: Create Narrative Visualisation Using
comical narration

OPERATIONS



Clicked
Visualisation
takes up
entire screen
upon click

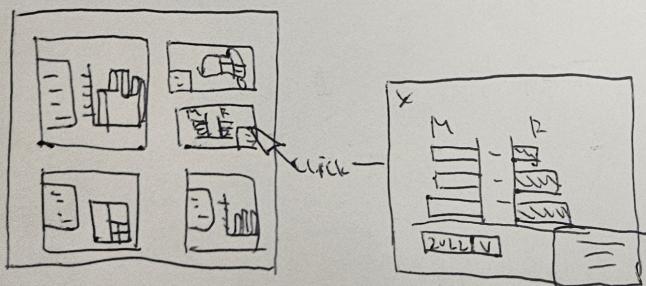
Can move between
visualisations
with
left and
right arrows.



Can exit full screen mode

FOCUS

Initially, every visualisation is focused on screen ...



... but when a visualisation is clicked,
only that visualisation is focused.

DISCUSSIONS

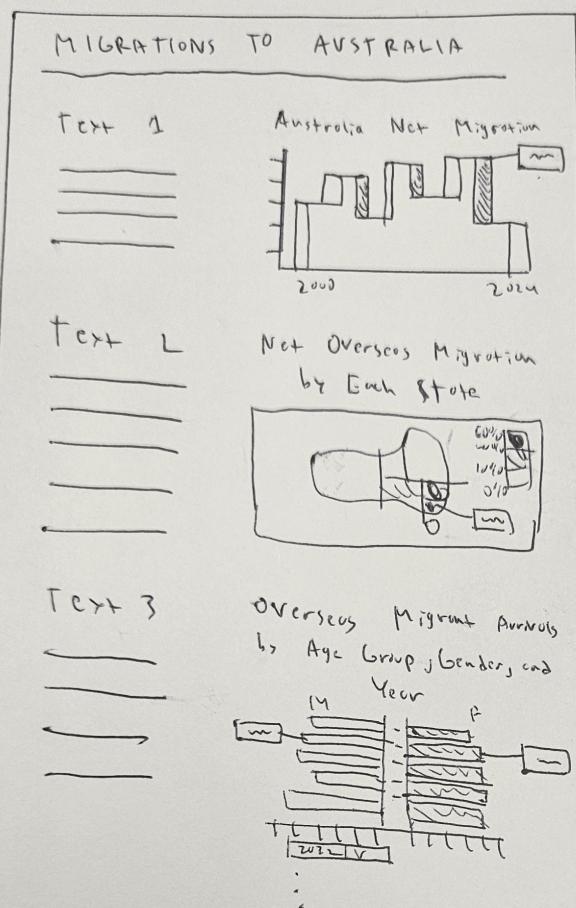
+ More interesting and memorable

+ Organised Narrative

- Takes too much time to implement in Vega-lite and HTML

- Looks unprofessional

LAYOUT



SUMMARY

Title: Simple down scroll
Visualisation on a webpage

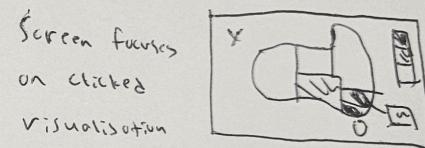
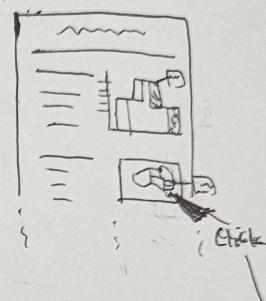
Author: Kenny Lukito

Date: 15/10/2025

Sheet: 4

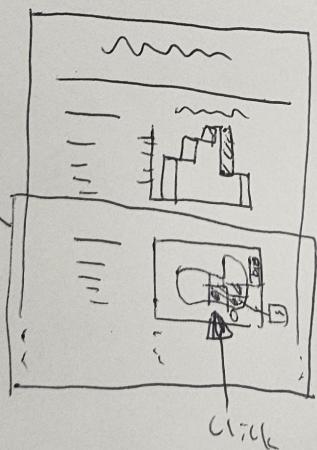
Task: Create visualisations annotations, and highlights

OPERATIONS

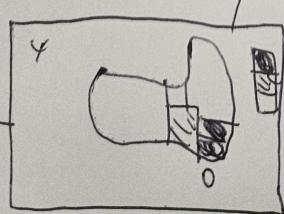


FOCUS

What appears in the monitor is focused.



When a visualisation is clicked, that visualisation will be focused.



DISCUSSIONS

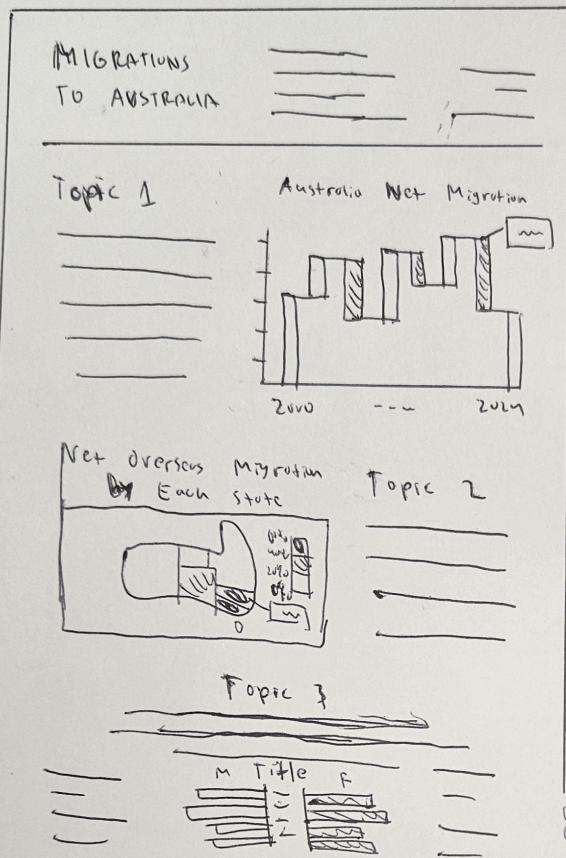
+ More structured

+ More professional

+ Has Annotation

- Layout less balanced

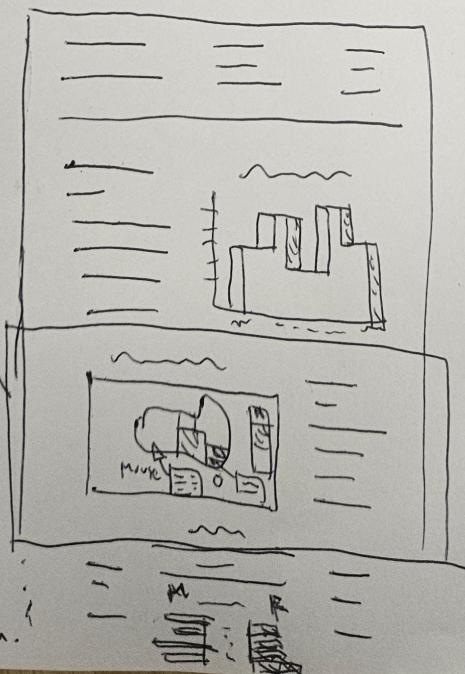
LAYOUT



FOCUS

What ~~is~~ appears on screen is focused

Totips are also given focus when mouse hovers over a ~~mark~~ on a visualisation.



SUMMARY

Title: Final Design Sheet

Author: Kenny Lukito

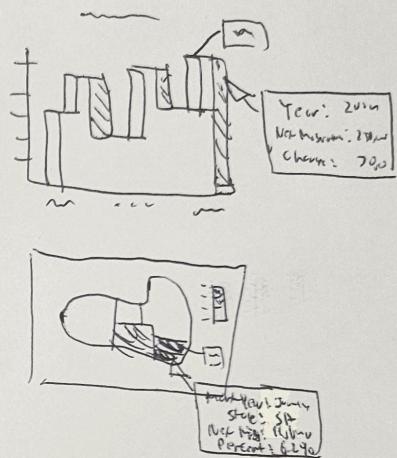
Sheet

Date: 15/10/2025

Sheet: 5

Task: ~~Create~~ Create final implementation of visualisation design

OPERATIONS



Tooltips are the main ~~operations~~ for ~~most~~ graphs operations

DETAILS

- > Database uses CSV files
- > An HTML webpage needed to create visualisation webpage
- > Vega-lite needed to create plots
- > Estimated completion time: 14 days