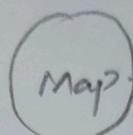
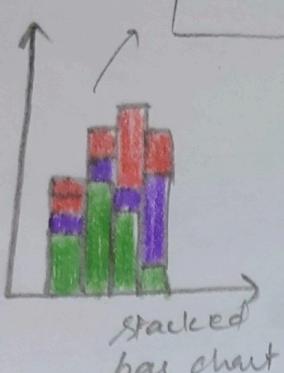


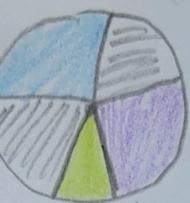
IDEAS

SHEET:01

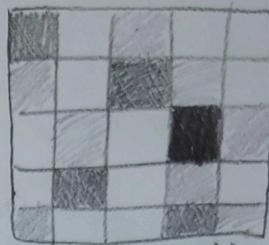
Name: Muskan



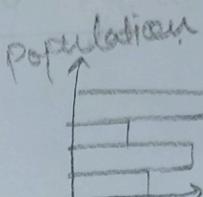
Priority across countries.



migration composition by region

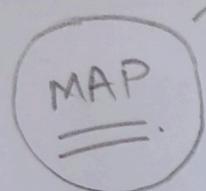


Heatmap



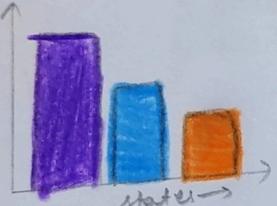
to show migration density across years

FILTER



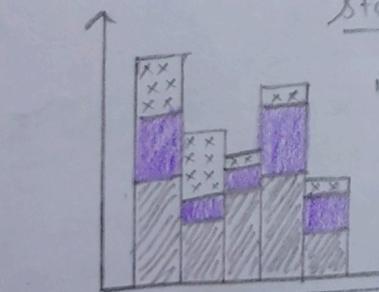
provides a global overview of migration origins
choropleth map / bubble map

Bar-chart.
population distribution across Australian states.



Migration trend over time.
→ arrival
→ departures
→ net.

Stacked bar chart
visa type and citizenship



SUMMARIZE AND QUESTION

Layered migration story -
from global origins to
local settlement patterns
and regional composition
to temporal evolution.

CATEGORIZE

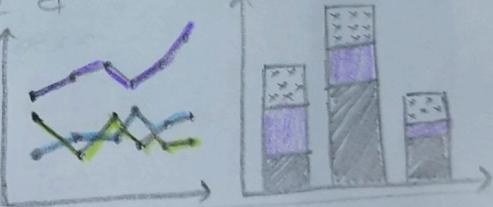
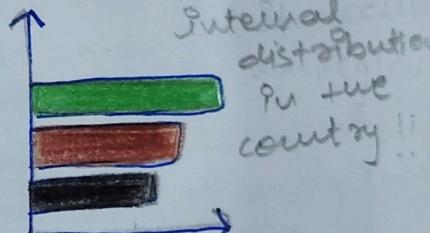
Global context

choropleth map

→ showing worldwide migration

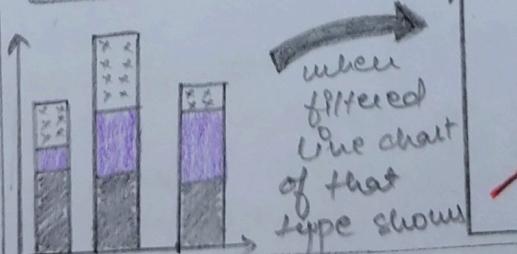
TRENDS

Arrival / departure & net migration ↑
across years.
visa type filter



COMBINE AND REFINER

chart: stack bar chart
visa and citizenship



when filtered line chart of that type shows

↳ Could add more interaction?

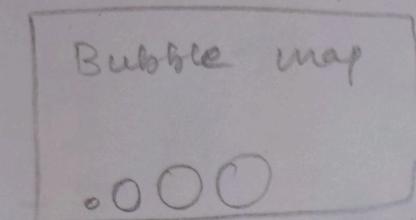
↳ How are the idioms going to adapt for other contexts?

Line chart
Filter
→ temporary
→ Australian
→ permanent
→ NZ citizen

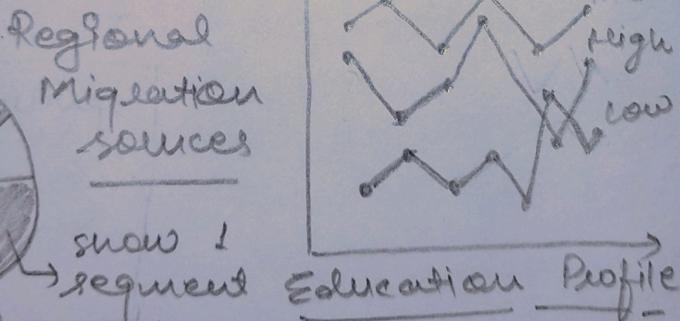
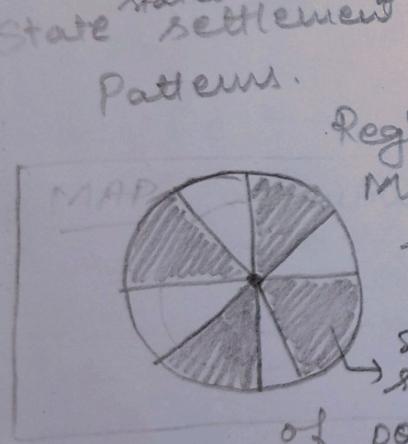
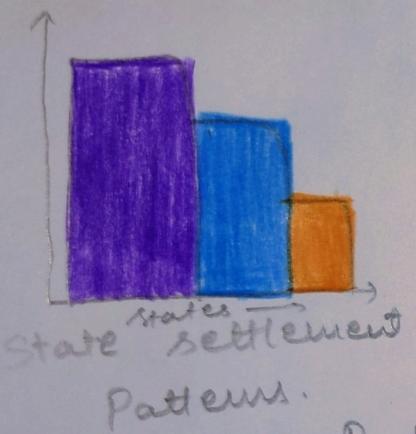
LAYOUT: Global Migrations

Region	Age grp	Education	Australian state
→ Asia	→ Young	→ High	→ Victoria
→ Europe	→ Middle	→ Medium	→ NSW
→ Africa	→ Older	→ Low	→ Queensland
→ Oceania			→ SA.
→ SA			

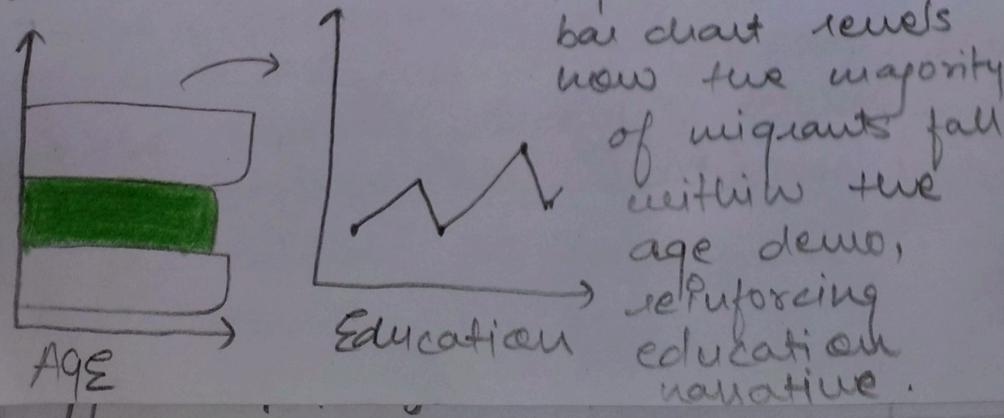
Global migration Flow



Provides insights about the global distribution of migrants to Australia



FOCUS Dashboard layout is on understanding global migration patterns to Australia and how they relate to education and demographic characteristics.



SHEET:02

OPERATIONS

Dashboard is designed to be interactive & exploratory.

FIGTER BAR

Region: enables user to focus on specific world regions.

Age grp filter: links to age distribution and education chart.

Education filter: education based exploration.

State Filter: showing regional settlement names across state.

DETAILS

Tooltip:

- region - name
- migrant count
- age
- education

(based on graph)

Map shows bubble based on migrant population.

size ↑ as population

Advantage:

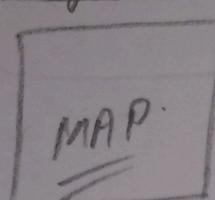
clear demographic insights and migrant trends.

Disadvantage:

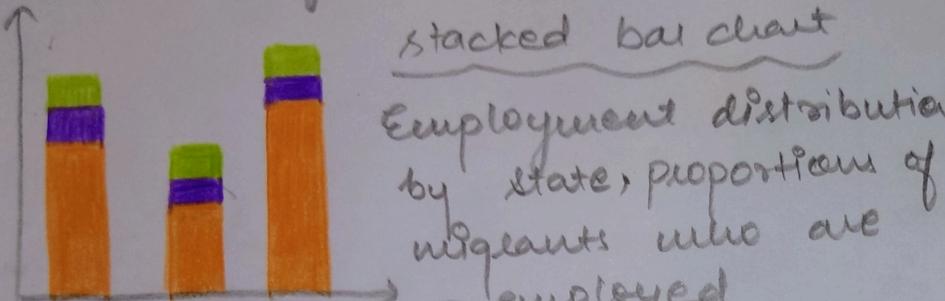
limited economic context.

LAYOUT: Global Migration and Economic growth

Region	Employment status	State
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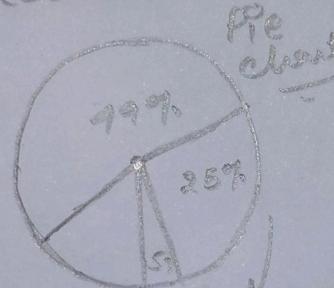


Global migration
of population moving
from different countries.



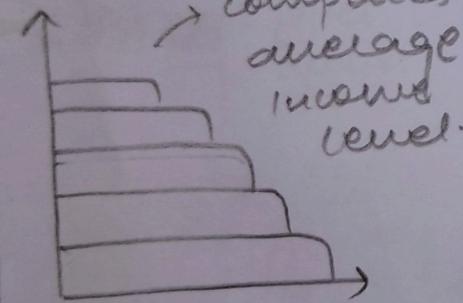
FILTER

converts
to line
chart.



Illustrating
Industry of
Employment.

- Education
- IT
- Healthcare



FOCUS The focus of this design
is to show the economic
integration and diversity of
migrants in Australia.

- the distribution of migrant labour across industries (pie chart)
- the economic disparities between states (stacked bar chart) and
- the income progression over time (line chart).

SHEET:03

OPERATIONS

FILTER

→ Region

↳ Asia ↳ Asia

↳ Europe ↳ SA

→ Linked views: clicking
on a slice in a pie
chart filters the bar
and line charts to that
specific industry.

→ Hover-over

Interactions: The pie
chart displays tooltips
with Industry names,
employment counts
and percentages.

OPTIONAL IDEA: A year
slider to visualize change
in industry.

DETAILS

The pie chart provides
categorical proportion -
the share of each
industry.

stacked bar chart

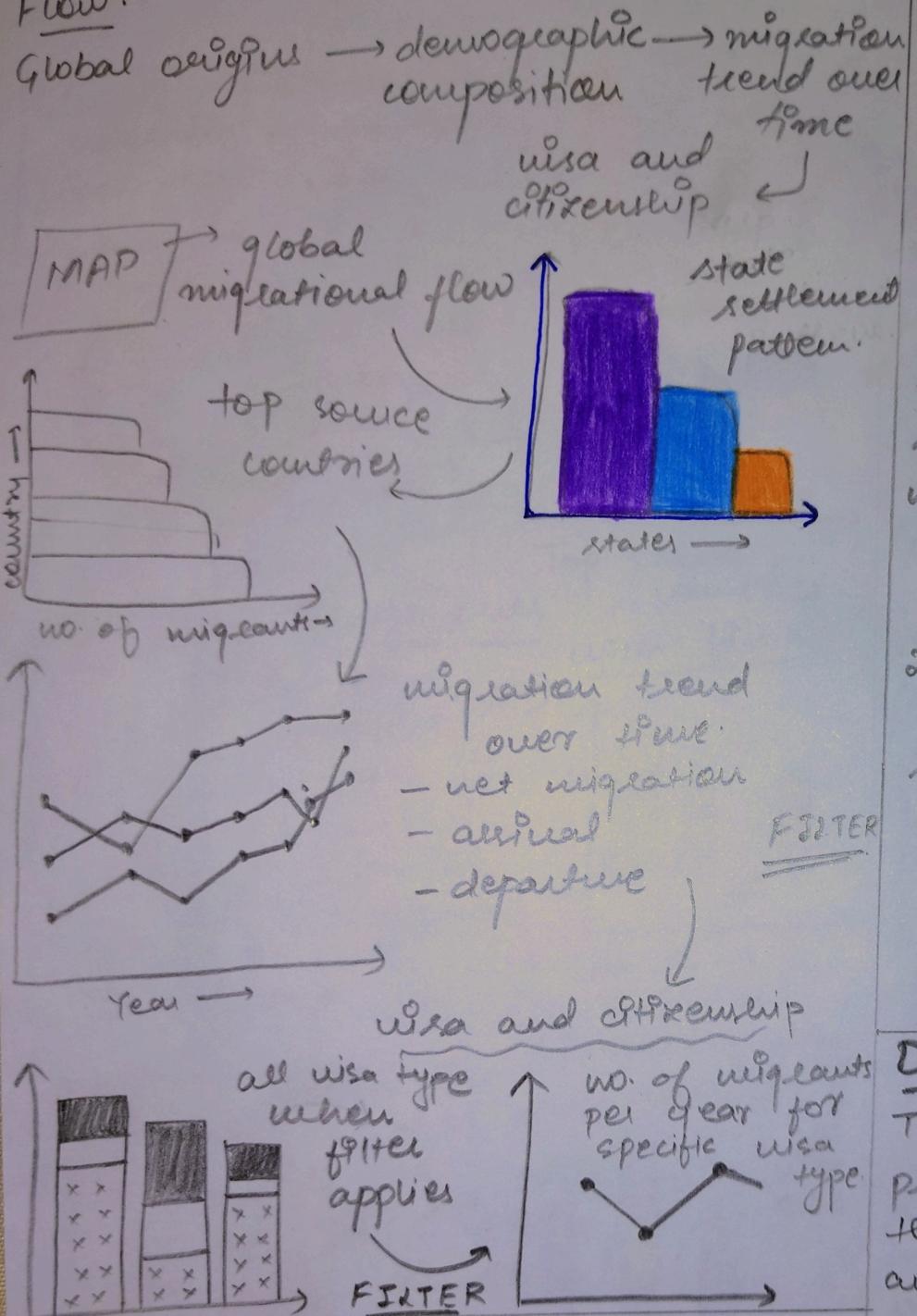
→ how employment
types vary by state

Horizontal bar chart

→ difference in median
income by region,
which connects to
skill migration or
labour demand.

LAYOUT: Global Migration to Australia

Flow:



FOCUS: The primary focus of the dashboard is to uncover the relationship between global migration sources, demographic characteristics and educational trends of migrants moving to Australia.

Together, these overall emphasize that migration is not random but shaped by education, opportunity & regional proximity.

SHEET:04

OPERATIONS

Dashboard is designed to be interactive with filters and storytelling.

FILTERS

- 1) Migration trend over time
→ Filter will let user select one aspect.
net/arrival/departure shows values (line chart) for one aspect.
- 2) Visa and citizenship graph
stack bar chart → line chart using filter.
Dashboard flow needs to be enhanced.

DETAILS

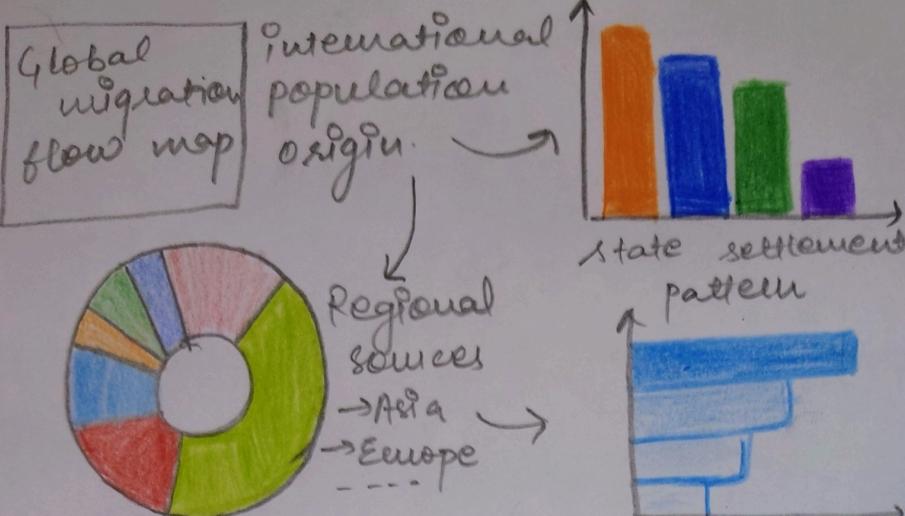
TOOLTIPS: Each chart provides hover tooltips that reveal precise values and categories, enhancing understanding without clutter.

Each filter allows users to refine the data view to specific subsets.

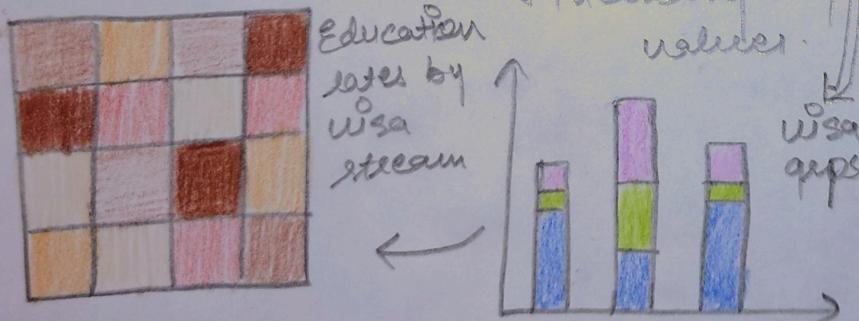
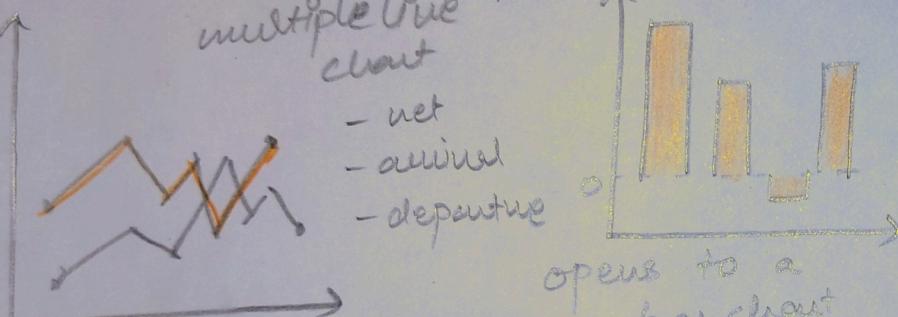
Advantages: Adds depth, shows migration outcomes

Disadvantages: not enough storylines! Flow X

LAYOUT: Population Migration in Australia



Migration Trends over time → upon filter



FOCUS comprehensive overview of global migration patterns to Australia, combining demographic, regional and visa-based insights into a single interactive view. The dashboard integrates insights from earlier designs such as - age, education and regional origin.

SHEET:05

DETAILS

FILTERS

- Global migration flow map (each continent)
- State settlement pattern
- Regional migration sources (donut chart) (shows table with values)
- Top source countries (top 10 countries)
- Migrations trends over time (line chart → bar chart for individual feature)
- Visa and citizenship (distribution on visa type)

SHOW TABLE FEATURE

For graphs where values overlap & written, this feature allows users to read values/raph from graph.

OPERATIONS

Interactive filters
Toggletable views
dynamic chart switching.
Tooltip:
Advantage: integrates many aspects of the population.

Disadvantage: Table view is not really needed.