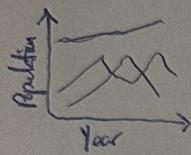


IDEAS

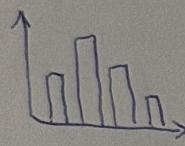
Trends

Population
Indigenous language.

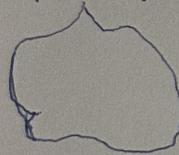
Population Growth of Indigenous People (2011 - 2021)



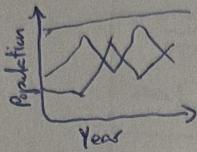
Compare Bar Chart language by State



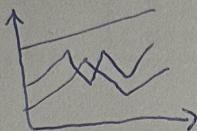
% speaker of Indigenous languages by state



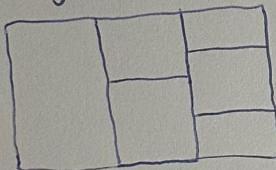
Number of Indigenous language speakers over the years



Percentage of Indigenous speakers vs total population

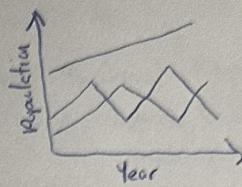


Hierarchical structure of language family.

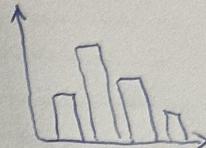


FILTER

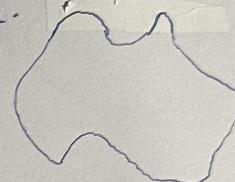
Population Growth of Indigenous People (2011 - 2021)



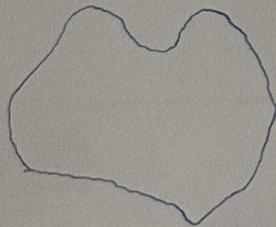
Compare Bar Chart language by State



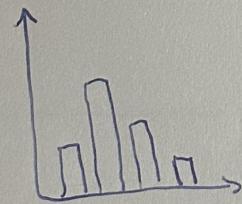
% Speaker of Indigenous language by state.



COMBINE AND REFINED

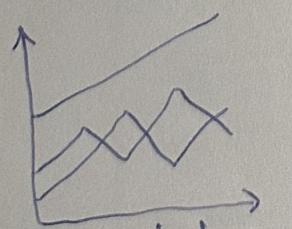


Choropleth map
(Colour = % speaker)



Bar charts update by selected state.

Filter
• Year
• Language Family



Line chart showing trend over time

Categorize

Trend
Population & Growth of Indigenous People

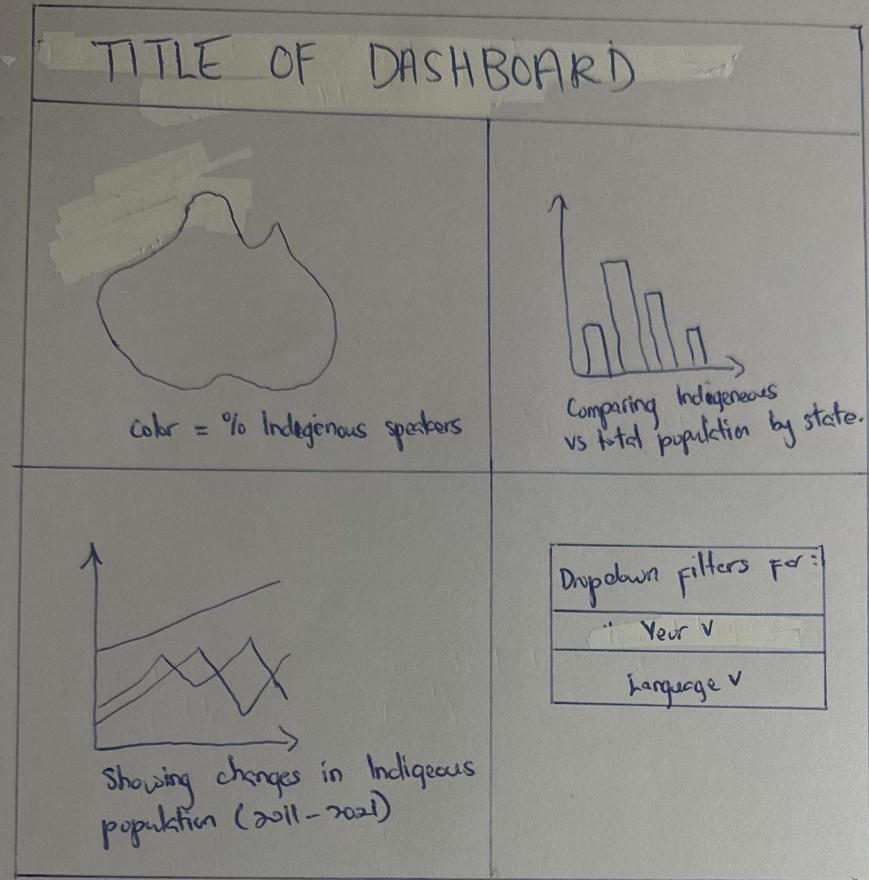
Trend / comparison.
Compare language by State

Trend / Geography.
% Speaker of Indigenous language by state.

Questions

- How does Indigenous language use vary across states?
- Which regions show growth or decline from 2011 - 2021?
- What patterns appear when comparing population size vs language retention?
- How can interactive help users explore these stories?

LAYOUT



Title : Dashboard View.

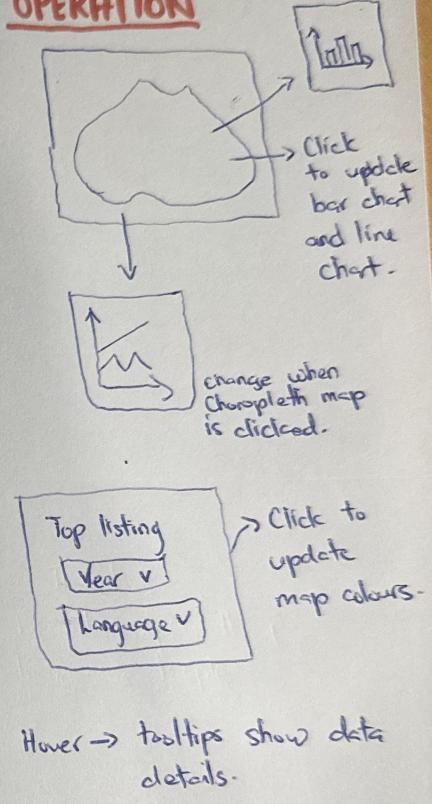
Author: Entebeta Tusela.

Date : 21/10/2025

SHEET : 2.

Task : Exploring Indigenous Language Use Across States.

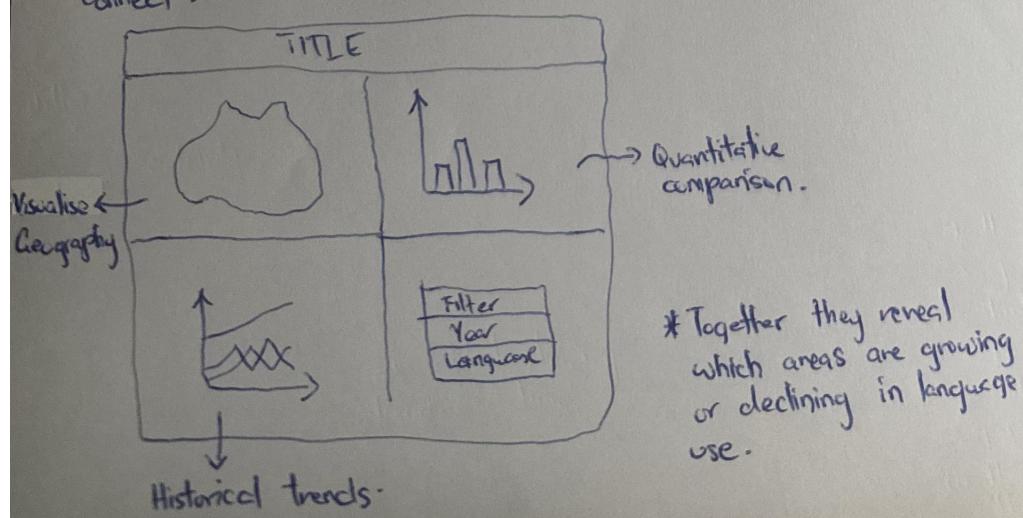
OPERATION



Hover → tooltips show data details.

FOCUS

In dashboard, it shows how regional and temporal patterns connect:



* Together they reveal which areas are growing or declining in language use.

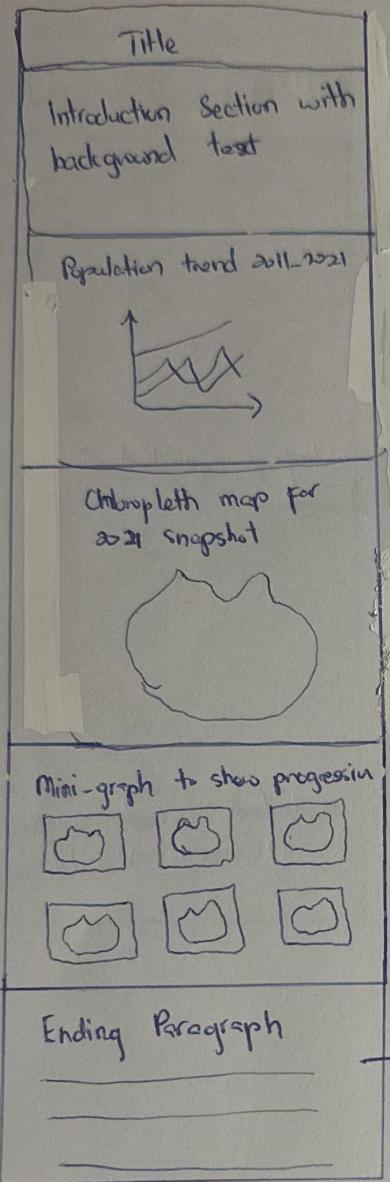
DISCUSSION

Strength : Clear overview and multiple linked views.

Weakness : Could feel dense if view on a small screen.

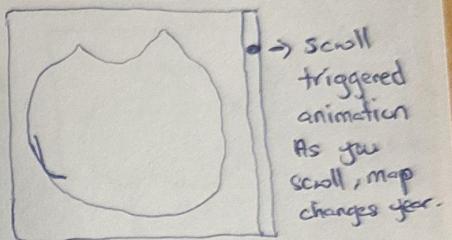
Question : Should the focus be on trend or spatial difference?

LAYOUT



Title: Indigenous Language Dashboard.
 Author: Entebbe-Tweets
 Date: 21-10-2025
 Sheet: 3
 Task: Narrative Visualisation
 - Language Through Time

OPERATION



- * Hover over states for pop-up tooltips.
- * Side Annotations highlights.

Focus

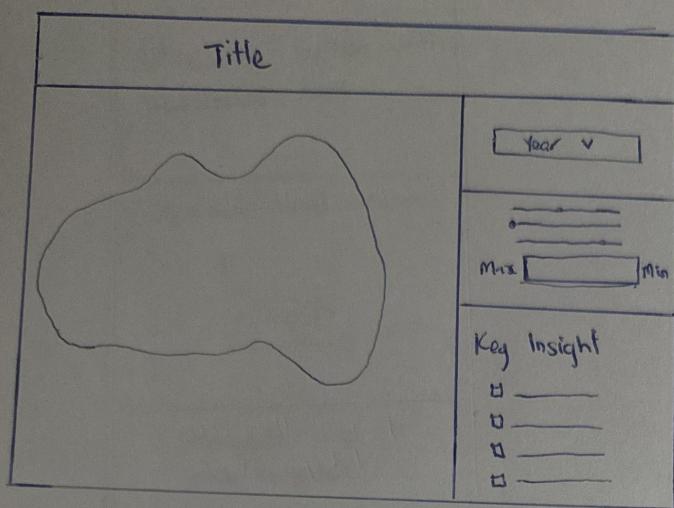
Dashboard Outline

Title	
Introduction Paragraph	→ Encourage audience engagement
Population trend 2011-2021	→ easy for public viewers, not just analysts.
Line Graph	→ Great for storytelling visualisation or exhibition.
Choropleth map for 2021 snapshot	
Mini graphs to show progression.	
Ending Paragraph	

Discussion

- * Strength: Immersive, emotional, simple to follow.
- * Weakness: less analytical interactivity.
- * Question: Is narrative more impactful than dashboard-style exploration?

LAYOUT



↓
Color = % Indigenous speakers

* Tooltips: State, population, %

Title : Minimal Interactive Map

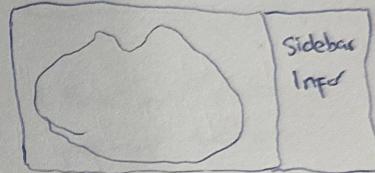
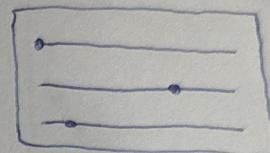
Author : Entabala.Tusela

Date : 21-10-2025

Sheet : 4.

Task : Focused Map Interactive
- "Where Indigenous Language Thrives"

OPERATION

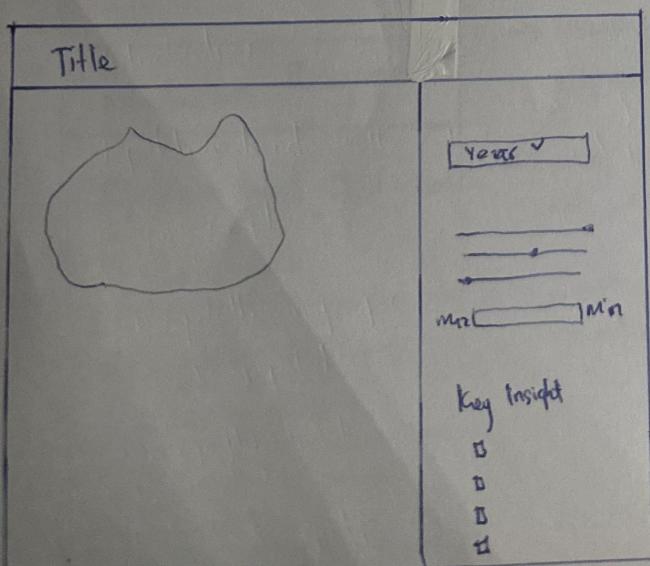


↓
Click highlight state and show breakdown info in sidebar -

* Hover → show state details -

Year → Dropdown switch year -

FOCUS



→ Balance simplicity and depth
- ideal for embedding in a web report
Focus on the most powerful view: the map.

DISCUSSION

Strength : Clear, minimal, effective

Weakness : Limited comparative context

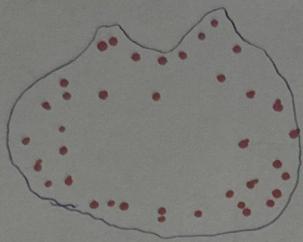
Question : Does simplicity reduce understanding of trend?

LAYOUT

DASHBOARD Title

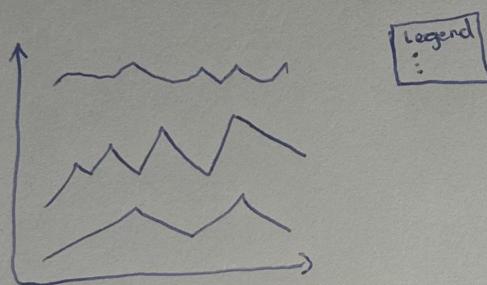
Subtitle

Map showing Distribution of Language Across Australia.



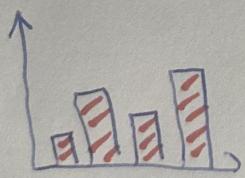
Paragraph showing insight.

Line graph showing language spoken at home.



Paragraph showing insight

Aboriginal and Torres Strait Islander Population.



Paragraph showing insight.

FOCUS

Map → Shows the rich geographic spread and density of Indigenous languages.

Line chart → Highlights decline in language use.

Bar chart → Shows population growth.

→ Together they demonstrate that while population grows, language retention is falling—revealing the urgency for revitalisation and preservation efforts.

Title: Indigenous Languages Across Australia.

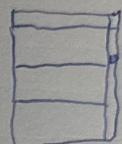
Author: Entebets, Tusck

Date: 21/10/2025

Sheet: 5

Task: Final Implementation Design.

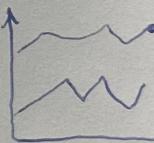
OPERATIONS



→ Scroll down to move through each visual narrative.



→ Hover over dots for the tooltips to show language name and region.



→ Hover over to display percentage values for each language category.



→ Hover over bars to show exact population figures.

DETAILS

Dataset: ABS Census and AIATSIS.

Tech Stack: Vgaf-Lit v5 | HTML + CSS | Vgaf-Embed For Integration.

Insight text

Charts: Dot maps, line chart, Bar chart.