Sheet 1 - Brainstown 2016 - 10.10.2025

Potential Domains

Weather + Agriculture
[Tourism]

Education outcomes
Transportation Patterns
Urban development
Economic Recevery

Evaluation Criteria

Data Availability
Story potential
Visualization opportunities
Relevance

Chasen Topic

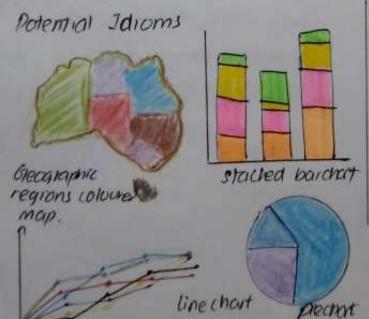
Australia's Regional Tourism
Renaissance

|Potential DataSources

Tourism Research Australia
- Domestic Tourism statistics
Australian Beneau of Statistics
(ABS) = Retail Trade Data.
Geographic Data.

-> Oithub Australian States Geo Json.

Porta Quality - official, Government



Key Data Dimensions

State (NSW, VIC, QLD,
WA, SA...)

Year (2019-2023)

Day Trip (Thousands)

Spending
Growth (calculated)

Base 2019=1001.

Hover fooltips.

Legend interaction

Linked highlighting

Data Visualization 2 Sheet 2, 3 the Initial Design Date - 10.10.2025

Layout Map - Chloropeth Intro /Hero Geographic Distribution of Toursm mapsection mutti line chart Domestic Daytrip tourism trends (2019 - 2025) line chart Description Stacked Bar Chart stacked bar State-by-state Tourism comparison by year. Data Sources Line chart or slope chart. conclusion Covid 19 recovery patterns (2019 - 2025) Orsadvantages

Data Sources

Fouter

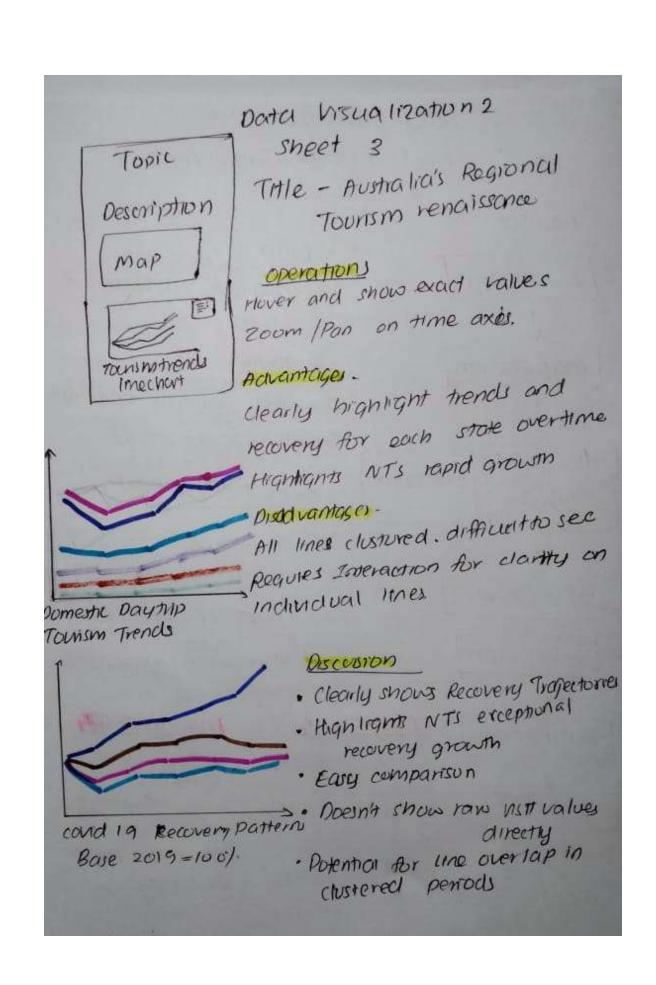
Advantages

Strong Narrative focus. Geographic context clear Good into to the

data story

Abstract scales of charts space efficiency inconsistency User Expertue

ASS UMPHON



Data Visualization 2 Sneet 4- Inthal Design Title - Australia's Regional Tourism Renaissance

Operations

Hover for exact values

Recentage per state, year

Clack on the state in legend to

highlight falter bandyours

Zoom/Pan > not applicable

Toggle to view as normalized percentige

- Layout

I mo

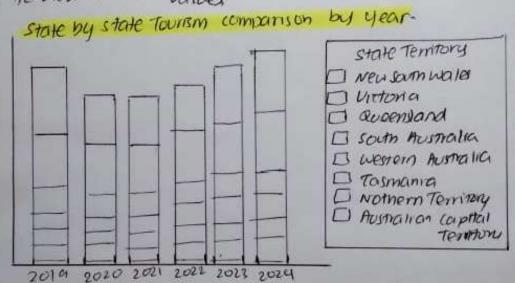
map

Trends (Line)

Recovery (Line)

Recovery

Key Takeaways



Discussion - Advantages | Disadvantage

- · Clear part to whole relamonship
- · simple design
- · Easy to see each states contribution, less effective for
- · can see the trend as a whole
- · Good for hacking composition shifts usually

minors have combe

cess effective for compact roles directly

Data Visualization 2

Sheet 5

Realization Design

17th october 2025

Discussion -> Detail
Interactive Chloropern map

Geo Json Data for Geographical
locations.

Line Charts with filters,
multiple lines for states
color coded for states
legend on right side

Algorithms Libraries Imethods
Vega-Lite + Visualizations

Data loading

Map projection

Pota Prep - 10 hours

Research

Map setup - 10 hours

Line chart - 5 hours

Stacked bar-stows

Documentation - 3 hours

Deployment / _ 5 hours

Testing

FINAL PLAN
FINAL LAYOUT

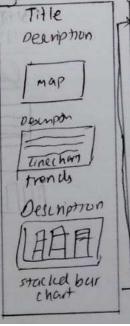
Dependencies & Requirements

HTML 1085

code editor-vscode

web server Conthub pages)

Jeon 1084 Ale loader -



description

line thert
gram

Discussion

Conclusion

Data sources

Footer-