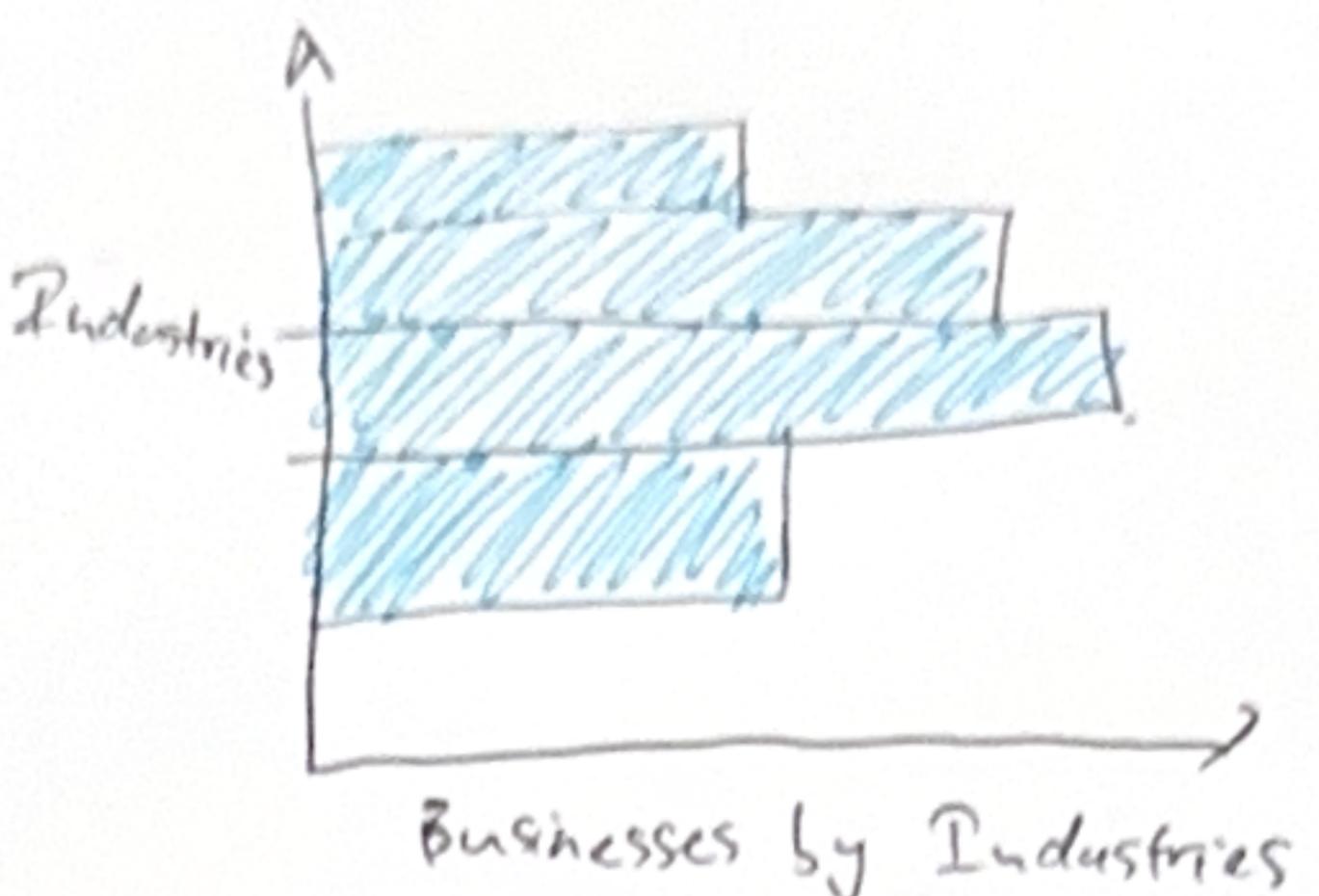




Businesses by State



Businesses by Industries

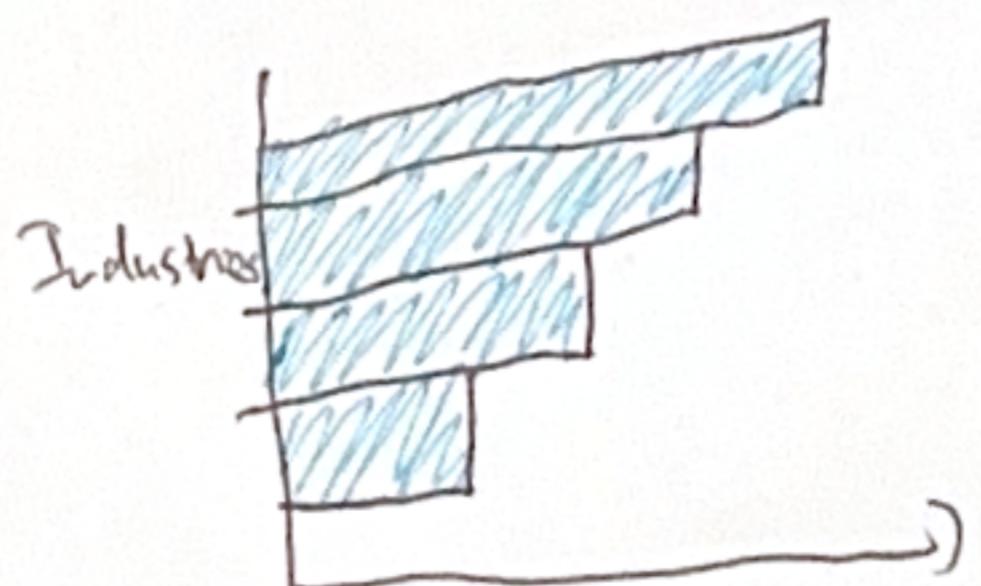
- Tooltip is used on each state to show the detailed numbers
- Same for bar chart

Categorise

Total Businesses → States

Total Businesses → Industries

Combine & Refine

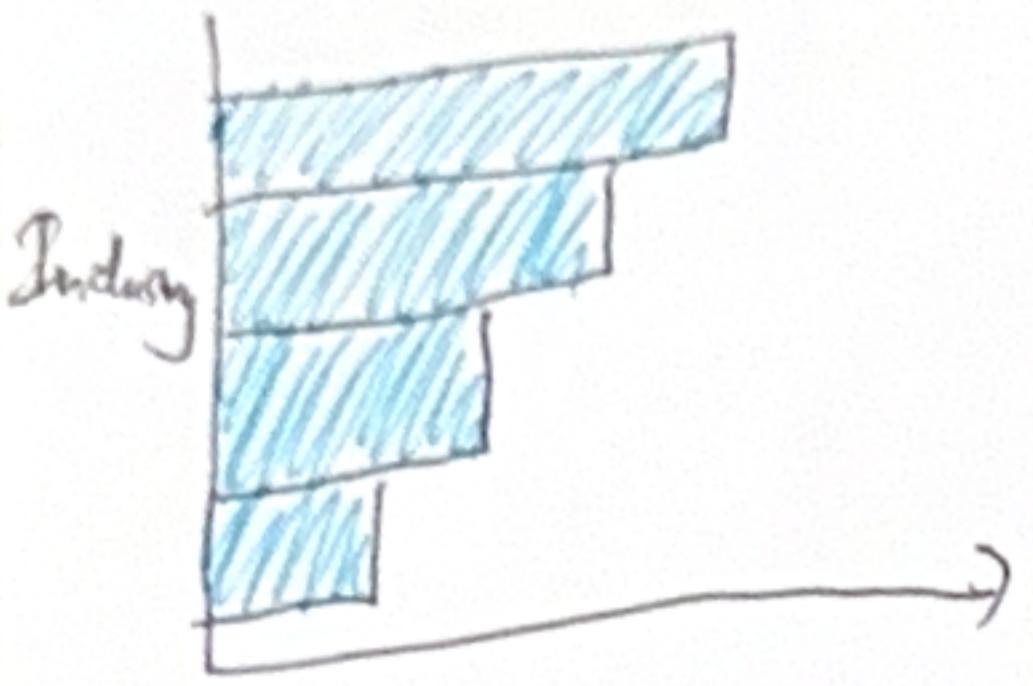


Summarise and question

- Any other idioms to be used?

Economy and Industry of Australia

Description of the map and analysis

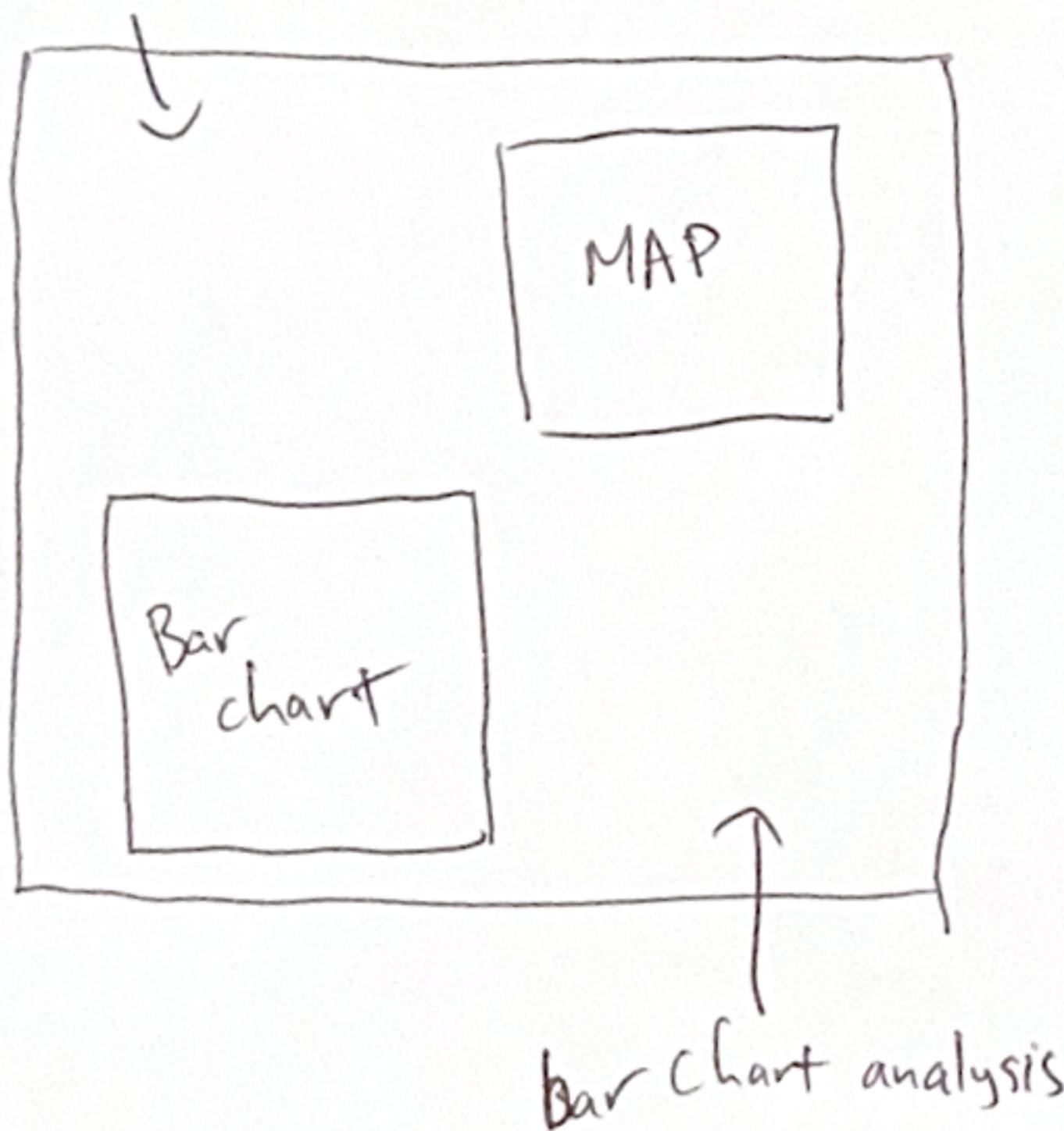


~~Analysis~~
Analysis of Industries breakdown

Part / Focus

- Focus on total Businesses in Australia
- And their respective industries

Map description



Sheet 2/3,4
Name Bao Khanh Tran
Date 6/10/2024

Title Economy and Industry of Australia

Description

Components / Operations

- Map are splitted by areas of each state, with tooltip for detailed number
- Industry chart are arranged in descending order with tooltip for each bar

Pro & Cons

* Pros

- Few charts to follow

* Cons

- Not much information
- Too simple

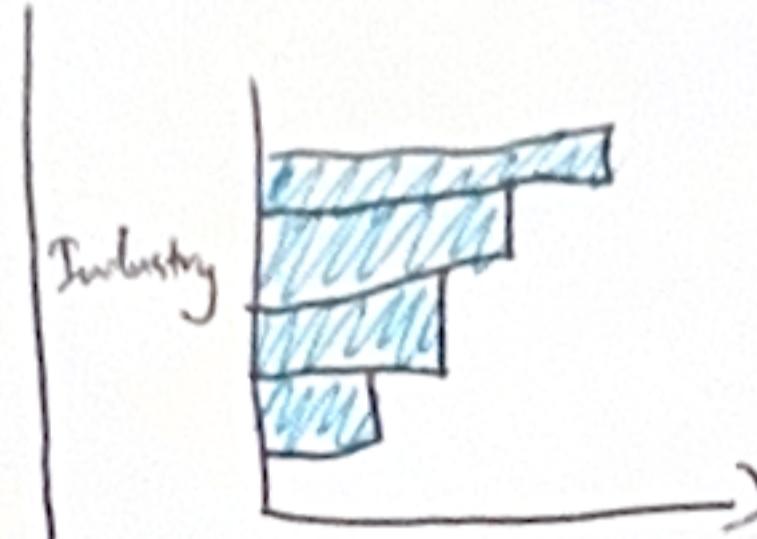
Big Picture / Layout

Economy and Industry of Australia

Description of map

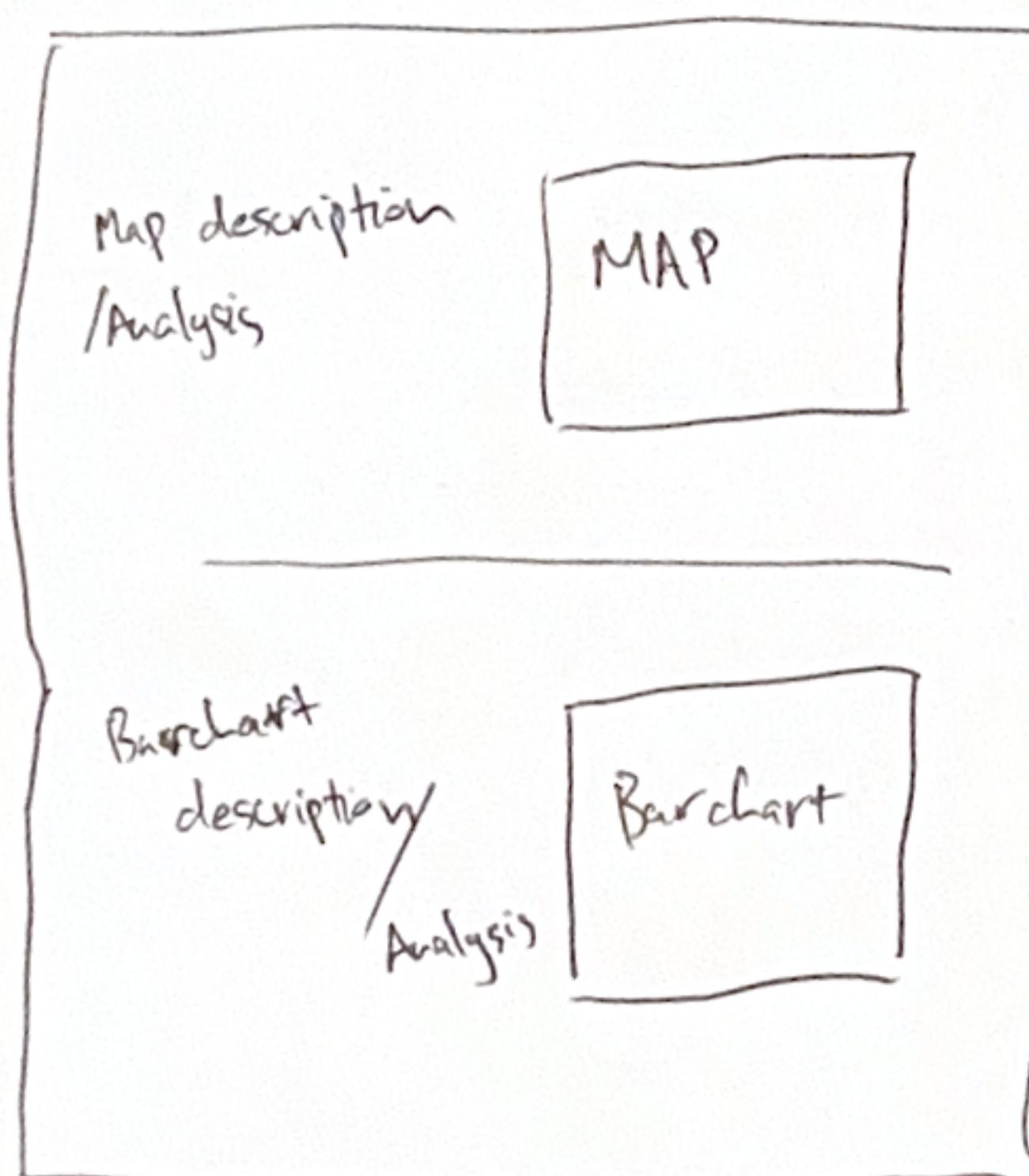


Analysis of Industries



Part / Focus

- Total Businesses in Australia, by states and Industries



Sheet 2/3/4

Name Bao Khanh Tran

Date 6/10/2024

Title Economy and Industry of Australia
Description

Components / Operations

- Map is broken down by states with tooltip for each state
- Blue Bar chart are for Industries in descending order

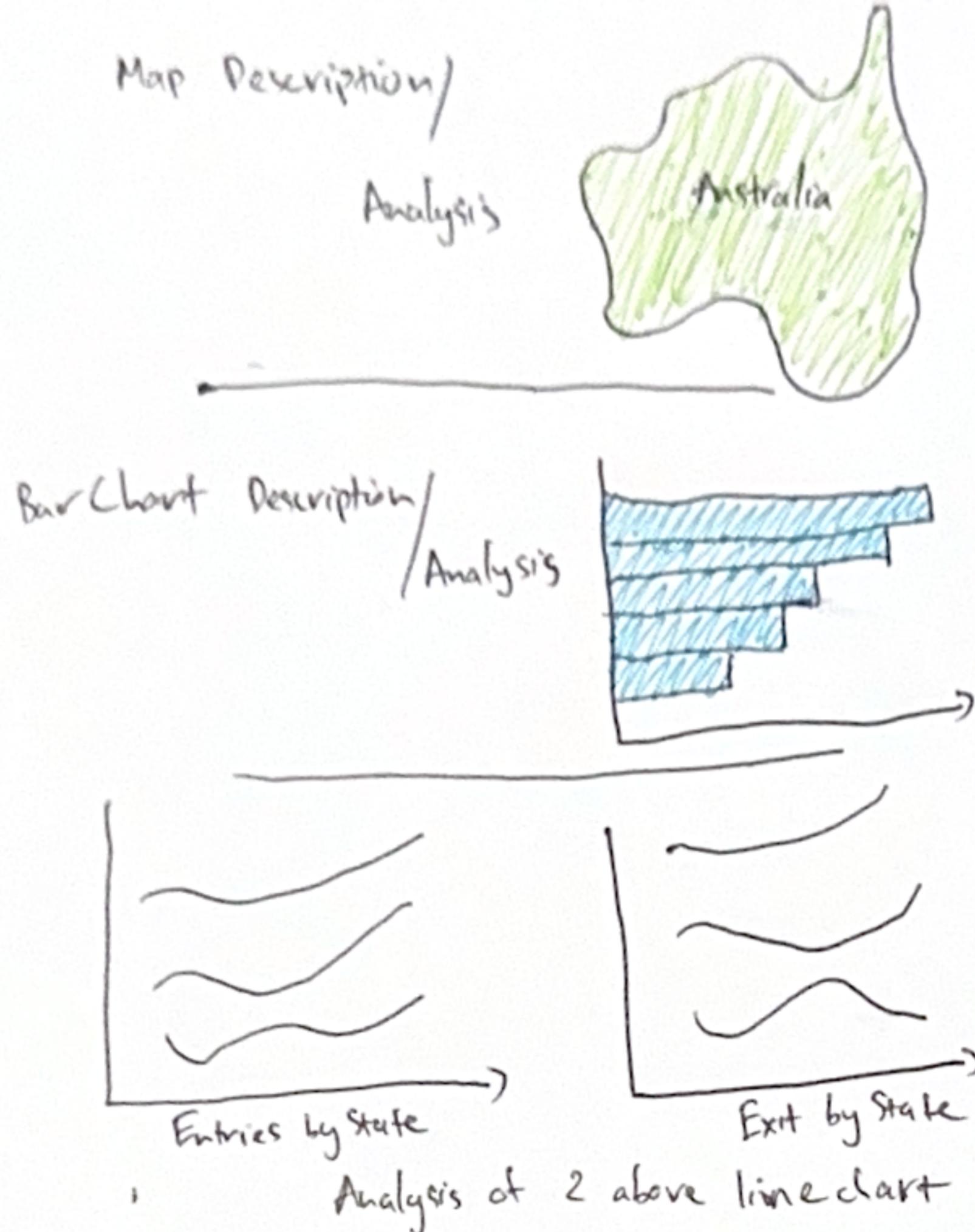
Pro & Cons

* Pros

- Simple
- Easy to follow

* Cons

- Too simple?
- Might need to choose a color theme



Sheet 2,3 [4]

Name Bao Khanh Tran

Date

6/10/2024

Title Economy and Industry of Australia

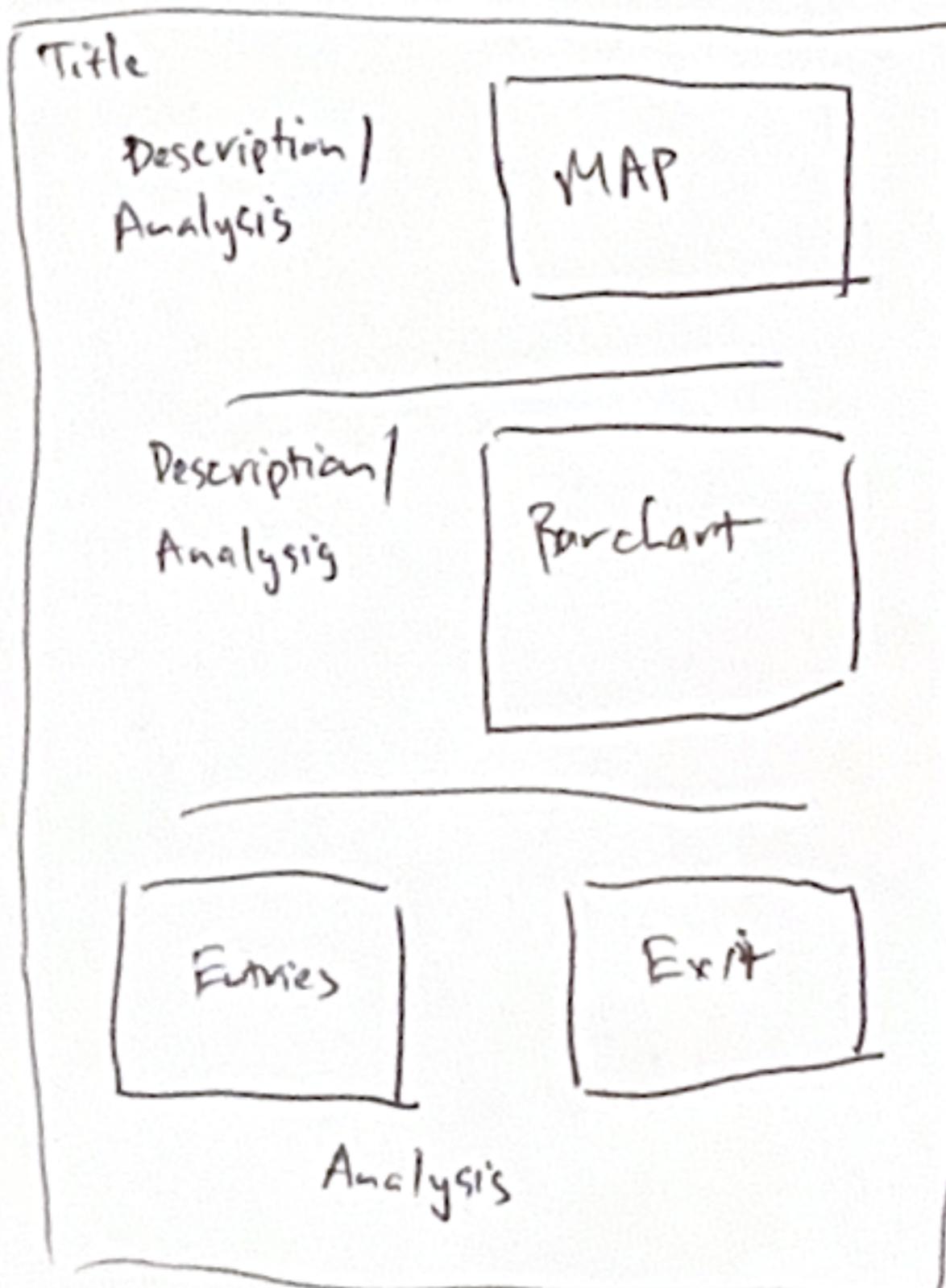
Description

Components / Operations

- Map broken down by states with gradient colour and tooltip
- Bar chart in descending order, with blue gradient and tool tip
- Line charts for overtime growth in total businesses of each state, with tooltip for each year

Parti / Focus

- Main focus total of businesses as a key factor of growth



Pro & Cons

* Pros

- Pretty simple
- Easy to follow

* Cons

- Can any other more complex idioms be used?

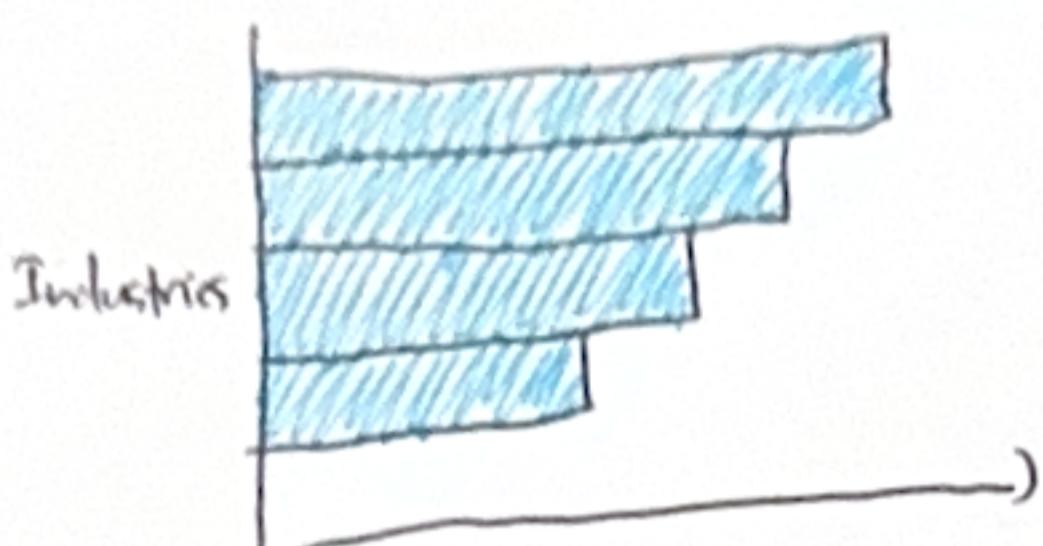
Big Picture / Layout

Title

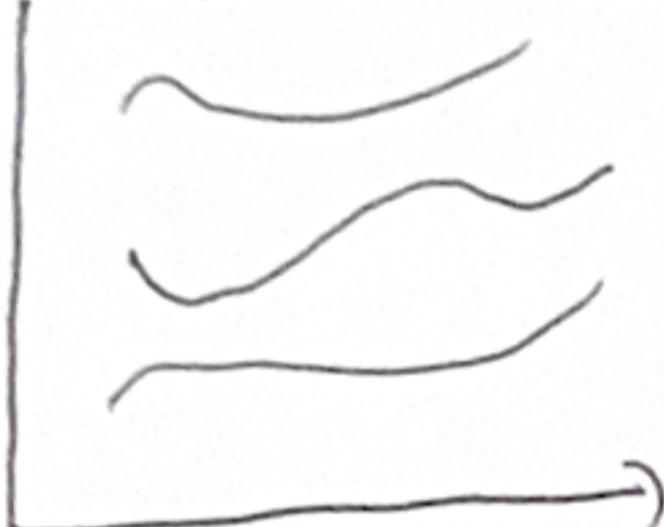
Description / Analysis



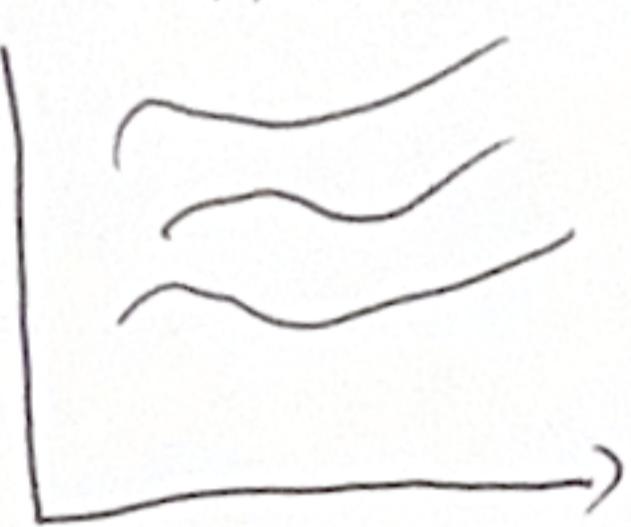
Description / Analysis



Entries



Exits



Analysis of 2 charts

Part / Focus

- Focus on total businesses as key factor of growth
- The entries and exits before and after COVID years.
- By States and Industries

Sheet 5

Name Bao Khanh Tran

Date 6/10/2024

Title Economy and Industry of Australia

Description

Components / Operations

- Map at gradient colour encodes higher to lower using blue. With tooltip for detailed number.
- Bar chart is also using gradient colour with tooltip
- Line chart also have tooltip for each year
- Background colour : black
- Theme for charts : blue
- Text : sans-serif, tan colour

Details

- Dependencies
 - + Vega-Lite for visualization
 - + Excel, R for data cleaning
- Cost
 - + Cleaning data ~ 1 hour
 - + Finalizing design ~ 1 day
 - + Implementation ~ 1 day
- Requirement
 - + Load in reasonable time