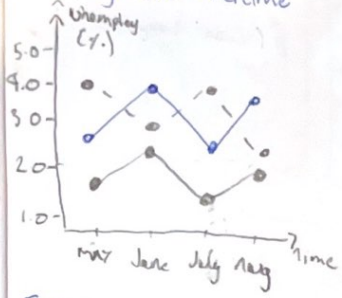
1. IDEAS

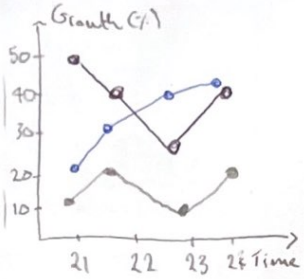
Unemployment rate by region

Employment Size By Industry

Unemployment Overtime



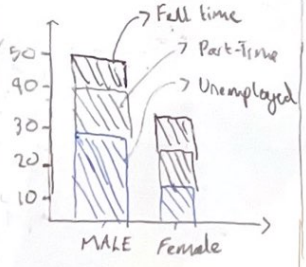
Employment growth for Sectors



FUTURE PROJECTION OF EMPLOYMENT

STATE	CURRENT (%) Employment	Predicted (%)
VIC	5%	+2%
NSW	3%	-1%
QLD	2%	-3%

Employment by Gender

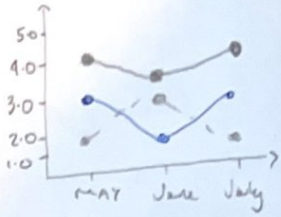


FILTER

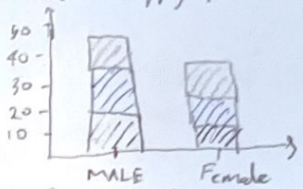
- Going to focus on Victoria

- Easy to see (%) of employment by sectors

Unemployments overtime



- Line chart will be easy to apply filters to



- Can see clear seperation of employment states

Categorise

Categorical variable
- Gender/education level
- Employment status
- Month, Year, State, Region

Quantitative variables
- Unemployment rate (%)
- Employment size
- Employment growth

Main component

Unemployment rate by region

↓

Unemployment rate overtime

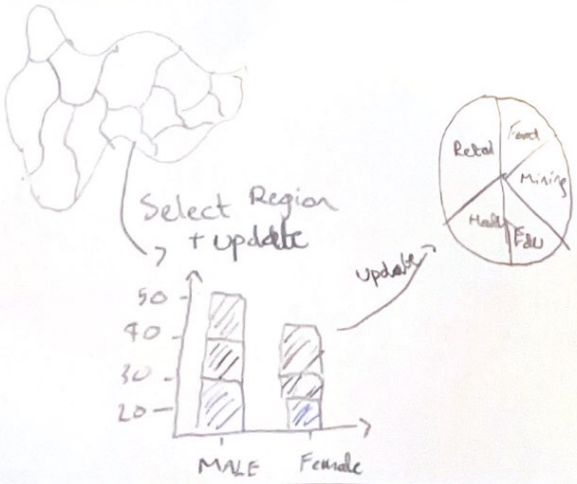
↓

Employment size by Industry

↓

Employment size by Gender

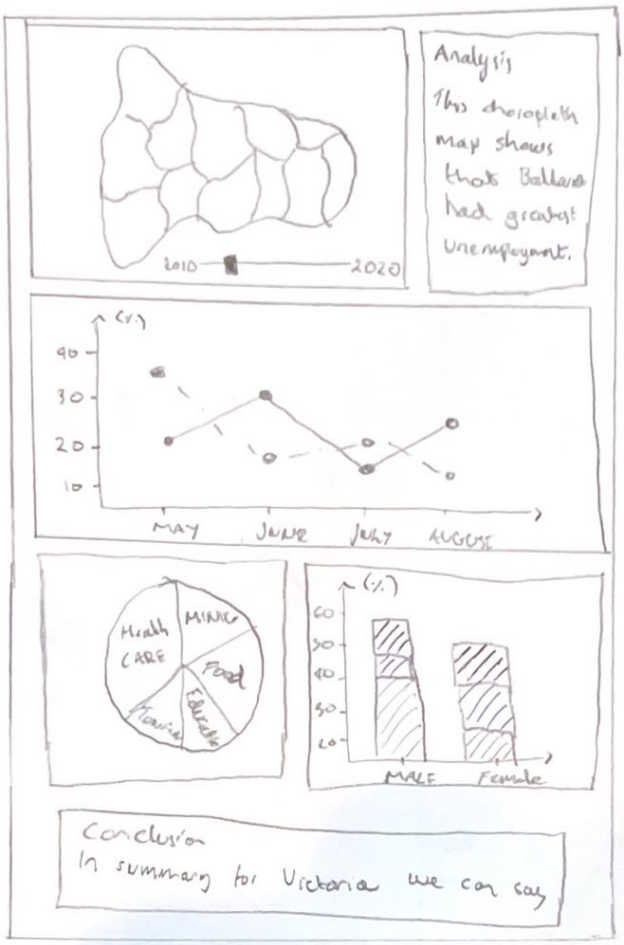
Combine and Refine



Questions

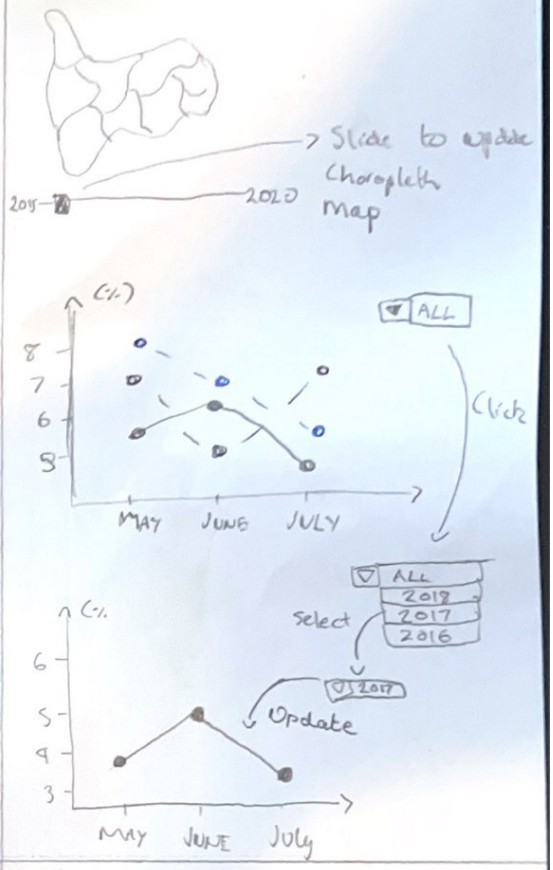
- How can I add more data to get an in depth analysis and see more patterns and correlations, e.g. Adding Income to Employment by Gender
- How complex will interactivity be the implement via vega lite?
- If I add more data will the visualisation be scalable?

LAYOUT

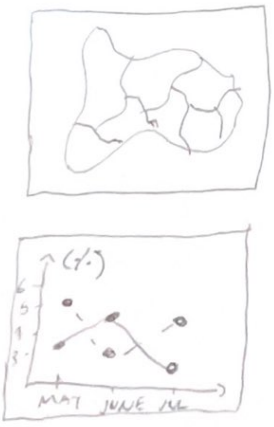


TITLE: DashBoard VIEW
AUTHOUR: ISHAN MALAKAR
SHEET : 2
DATE : 23/09/2024
TASK: Unemployment rates VICTORIA

OPERATION



FOCUS



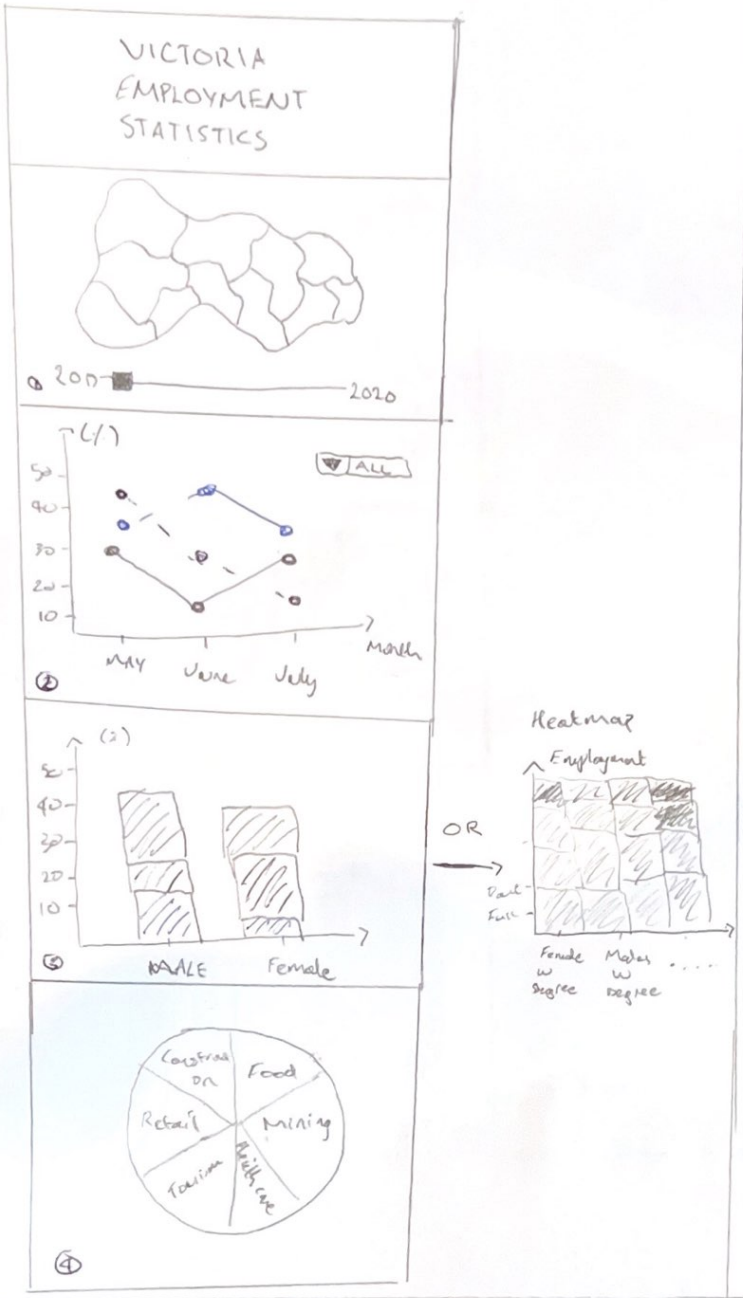
-> The main focus for this DashBoard view will be focus on the unemployment rate in different regions across Victoria

-> There will be an analysis section where there will be a more in depth discussion about what the data is showing.

DISCUSSION

- Should more filters be added to be able to better focus on specific areas?
- Is each visualisation well placed, So that the line chart and Choropleth map are the main focus.

LAYOUT



TITLE: Chronological Dashboard View

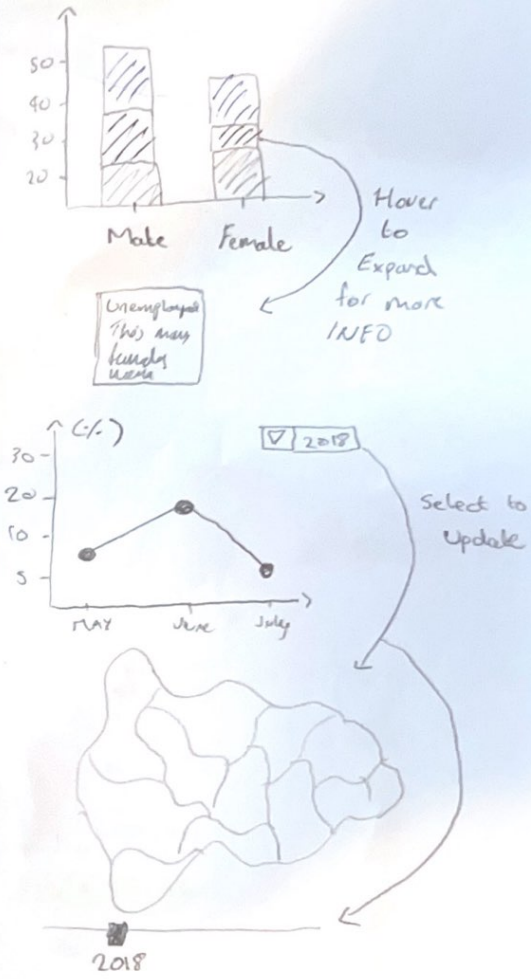
AUTHOR: ISHAN MALAKAR

SHEET: 3

DATE: 25/09/2024

TASK: Create simple narrative visualisation.

OPERATION



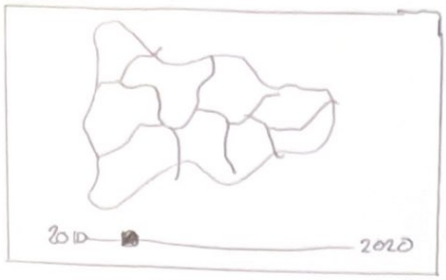
FOCUS

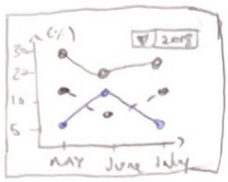
The main focus for this ~~visualisation~~ Dashboard is to focus on the chronological order of the visualisation. It should chronologically make sense to tell a story.

DISCUSSION

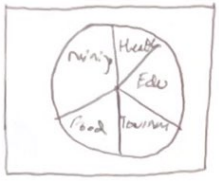
- What is the best way to organise each visualisation to tell the best story
- Is there enough analysis to tell the reader what the data is and why they are seeing it?

LAYOUT





Analysis
- As we consee
- This is the
- result of



Analysis
- From the two graphs above

Conclusion
In conclusion it can be said

TITLE: Choropleth MAP
AUTHOUR: ISHAN MALAKAR
SHEET: 4
DATE: 23/09/2024
TASK: FOCUS on the choropleth MAP

Operation

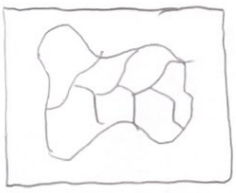
Click to expand for more info

Tourism
- 300,000 employed
- 30% growth

Click region

- Update to only show unemployment for that region

FOCUS

① 

- I want the main visualisation to be the choropleth map of Victoria
- It will be placed at large and will be the first thing users will see.

② Analysis

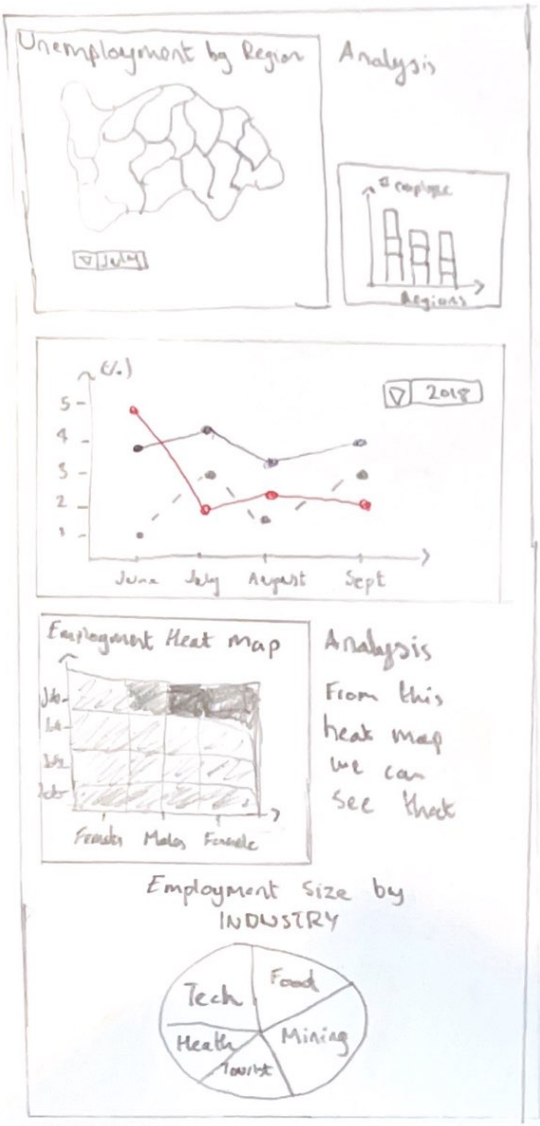
- This design will feature more analysis on data so users get a more in depth understanding of why they see what they see

DISCUSSION

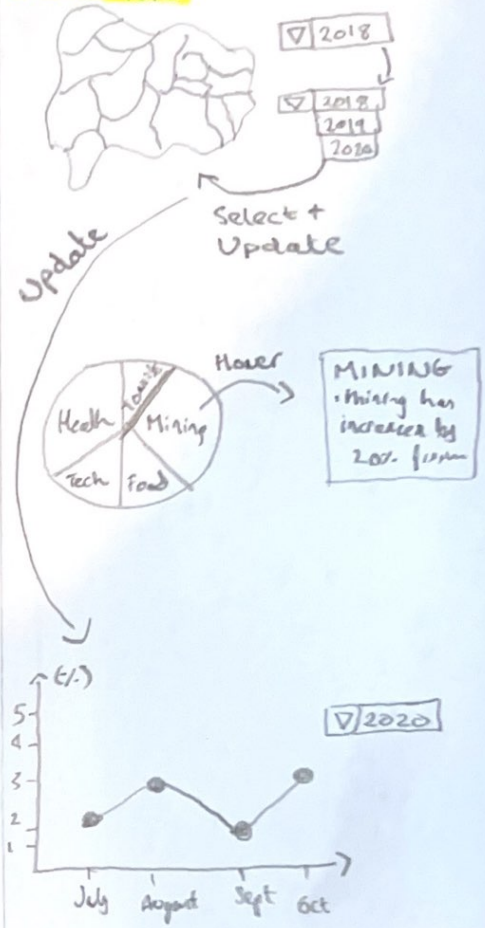
-> How will the analysis be written so it is not overloading the with information when looking at other visualisations.

TITLE: Potential FINAL DASHBOARD VIEW
AUTHOUR: ISHAN MALAKAR
SHEET: 5
DATE: 24/09/2024
TASK: Design potential final Design

LAYOUT



OPERATION



FOCUS

There is no main focus really for this dashboard, However I want the choropleth graph to be a stand out but not so much that the other graphs are overlooked.

-> I really want the focus to be the narrative Story telling, which should be achieved by the placement of the Idioms.

Details

Dependancies -> Vega-lite to create the graphs and the using HTML and CSS to format them and implement onto hive site.

Data requirement: Data to be extracted from publically available sites.

Time lines: 2 days, 5 design sheet.
-6 days to build idioms
-2 days to format.