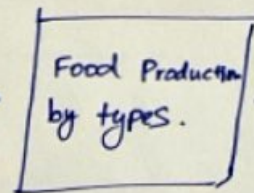
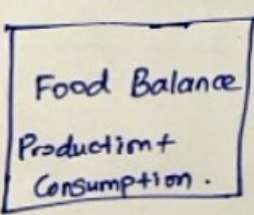
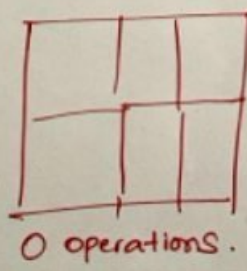
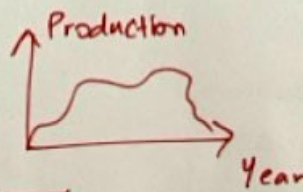
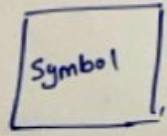
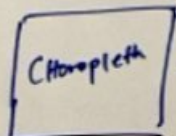


Categorise



Combine & Refine

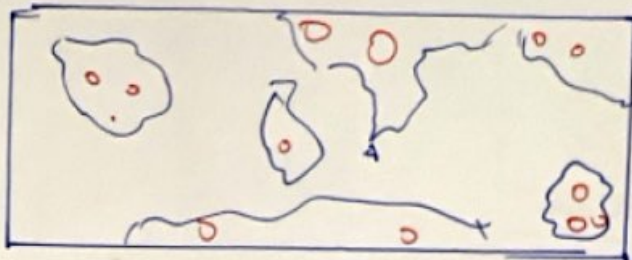


Summarise and question

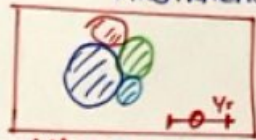
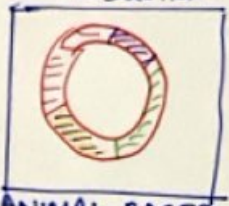
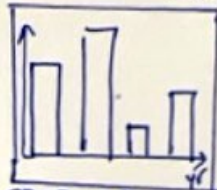
- * Is this Symbol map suitable?
- * What time period do we choose.
- * Should we add Sankey.

WORLD FOOD DYNAMICS

GLOBAL INSIGHTS AND AUSTRALIA'S ROLE



Australia's Food PRODUCTION. 1000 min 2000 max



Sheet 2,3,4

Name DENISHAN

Date 1/10/24

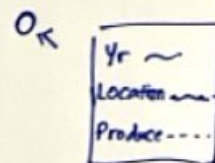
Title DASHBOARD VIEW 1

Description

FOOD ENERGY DYNAMICS.

Components / Operations

The map can be customized According to min to max Food Production.



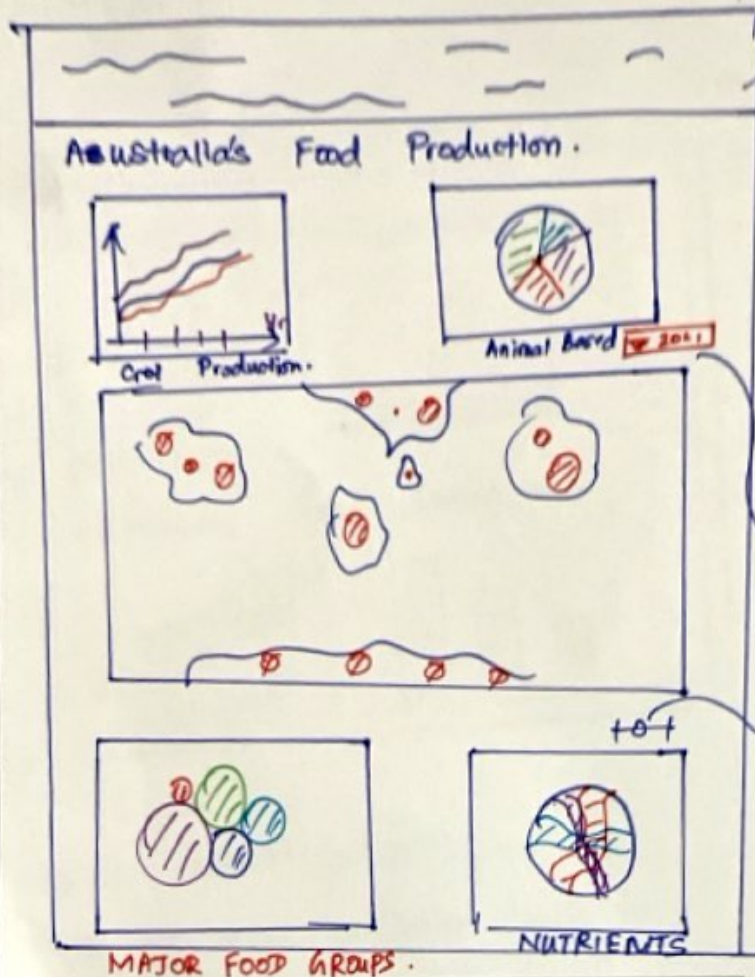
Tool tips showing important information.

Part / Focus

- ① A symbol map shows exact location. of the graph using Geo data. Size of the circle represents Food production in tonnes.
- ② Pie chart would represent the food production in Australia with Animal based products.
- ③ bubble chart shows the count of major food consumption in each Year.

Pro & Cons

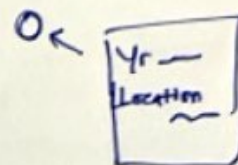
- * less graphs.
- * Should we move the map to the middle?
- * less interations?
- * not enough annotations.



Parti / Focus

- ① SYMBOL MAP SHOWS EXACT LOCATION OF THE GRAPH USING GEO DATA.
- ② CHORD DIAGRAM WOULD REPRESENT THE FOOD DYNAMICS.
- ③ LINE CHART WOULD GIVE A DETAILED DESCRIPTION OF CROP PRODUCTION HAPPENING IN AUSTRALIA.

2021
FILTER THE YEAR BY PRESSING
SLIDER for the year.



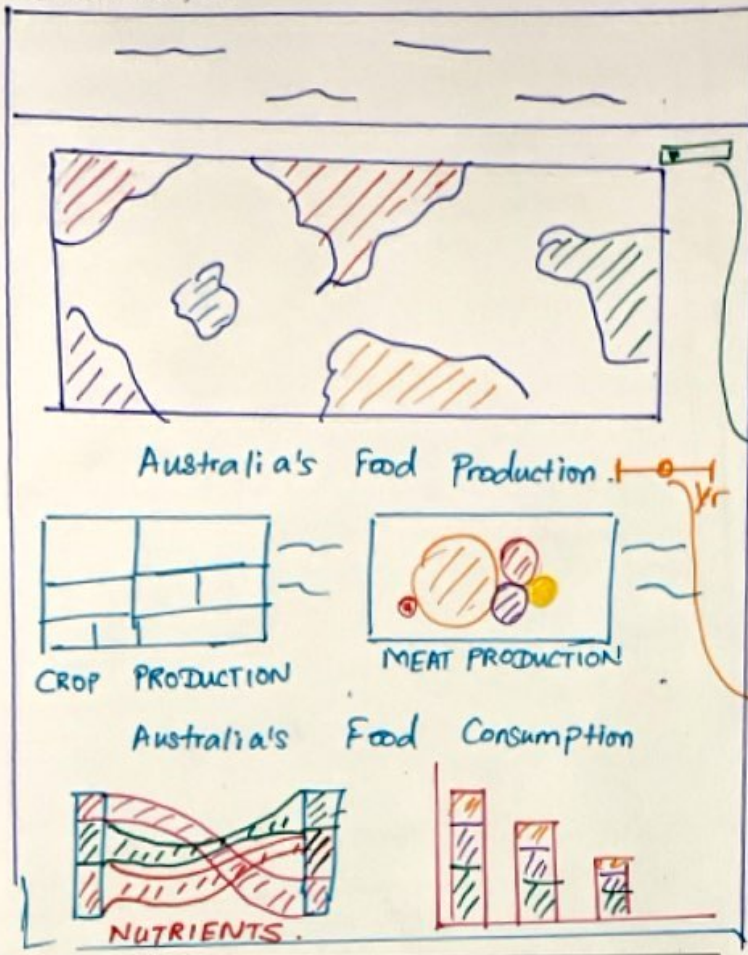
Tool tips showing important information.

Pro & Cons

* Need some Description for the graphs.

* CHORD DIAGRAM GIVES A BETTER UNDERSTANDING?

* CHOROPLETH MAP INSTEAD OF SYMBOL MAP?



FOOD DYNAMICS.

Components / Operations

Highlights Min and Max in total food production Across the world.

SLIDER WHERE THE USER CAN SLIDE ACROSS THE YEAR SPAN

Parti / Focus

- ① Bubble chart which shows the data of meat production cycle in Australia.
- ② Choropleth map would show the food production Across the world which also highlights food production In Australia.
- ③ SANKEY DIAARAM TO SHOW NUTRIENT CONSUMPTION ACROSS AUSTRALIA

Pro & Cons

- * Choropleth map Suitable for this Visulisation?
- * Time Span to Create Sankey diagram, and any Plugins required?
- What Time period do we choose.
- * How fast the Choropleth Map can load?

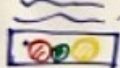
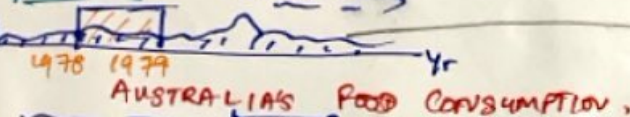
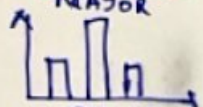
WORLD FOOD DYNAMICS

GLOBAL INSIGHTS AND AUSTRALIA'S



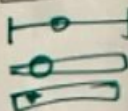
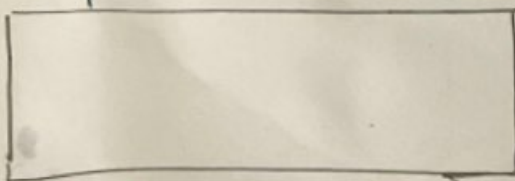
Year
Zoom
MAP.C

AUSTRALIA'S FOOD PRODUCTION.

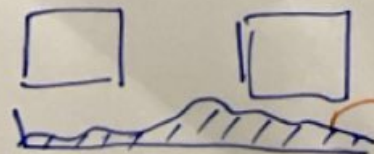


Parti / Focus

CHOROPLETH MAP TO GIVE A CLEAR VISUALISATION OF THE FOOD DYNAMICS.



FILTERS THAT WOULD BE HELPFUL TO FILTER CHOROPLETH MAP.



LOG

Bubble chart of Nutrients.

BRUSHING MAP THAT WOULD ALLOW USER TO CHANGE THE MAP.

Sheet 5

Name DENISHAN

Date 12/10/24

Title FINAL DASHBOARD VIEW.

Description

The Final Layout.

Components / Operations

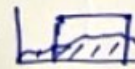


SLIDE THROUGH THE YEAR.

zoom Across the countries by sliding.



USER CAN SELECT HIS COUNTRY OF FOCUS.



USER CAN USE THE BRUSHING TOOL TO SELECT THE YEAR SPAN HE WANTS TO VISUALIZE.

USER CAN SLIDE THROUGH THE YEAR.

HOVERING OPTION IS AVAILABLE FOR ALL THE CHARTS.

Details

Time to build Implementation

-2 weeks

Vega lite addons for brushing tool.

Any complex charts for Australia's Food consumption.

Page layout and Alignment in CSS.

Map loading time would be low.