

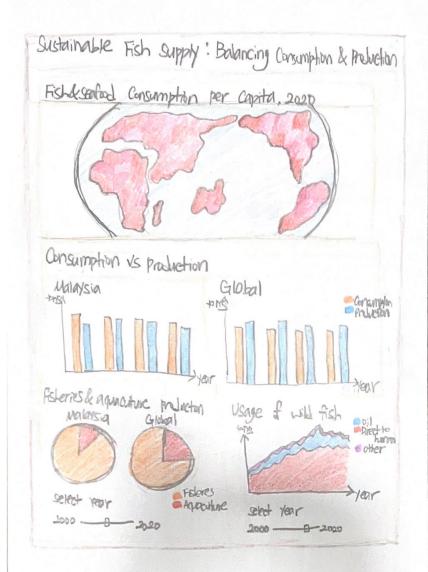
I size inliantes the consumption of tisher seaford

2. In Lubble chart there's two different colour red & blue red: overfishing (production 1)

ble: not overfishing (consumition 1)

o o o o consumption

- topic?
- 15 it engaging for the audience
- boes charts can give linet and clean view?



Title: Sustainable Fish Supply

Author: Darin Park Date: 26/09/2024

steet: 2

Task : Focused on ansimption

Operation

Global Fish consumption per capital:

Provides a comparative overview of fish consumption globally, showing which regions consume more fish relative to others.

Consumption us production:

Thee charts heighlight the gap between consumption and production, especially in Malaysia, where consumption significantly exceeds production, indicating over-reliance on imports or potential overfishing.

Fisheries us. Aquaculture:
Shows the increasing role of aquaculture in meeting thish Jermand as disheries face limatations, stressing the importance of sustainable fish forming.

Usage of Will Fish:

Tracks charges in wild fish exploitation, Physiling insight into sustainability and the shift toward alternative sources like annountance.

Focus

Motorsia has higher consumption of fish and seafed comparie to

Jean between consumption and preduction indicates amount of over fishing. In fact of Malaysia, consumption is higher than production which he showing heather value for overfishing

Select May

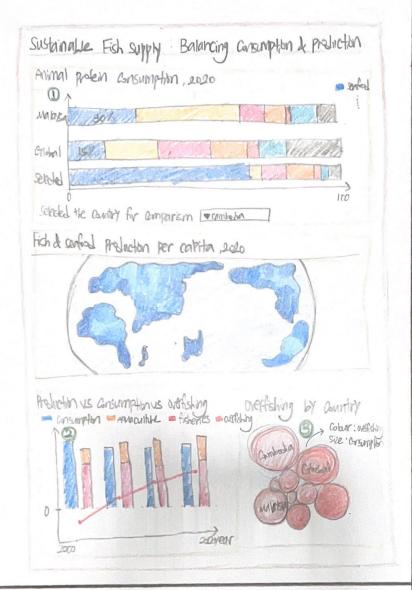
of By stilling the year, able to check is increase of aquaculture production by thre pass.

Deta.1

Path sources: The chart will use Jata from Publicy a unitable Jatabases on Carsmith, production, and overfishing.
Timeline: bevelopment will take approximately sweeks, including pre-process, chart croation, and combine into HTML Technical Tools:

Pre-process - pathon create chart - vega-lite Final Jashboard - HTML, CSS, Javascipt

Layout



Title: Sustainable Fish Supply

Author: barn Park base: 26/09/2024

Seet: 3

Task: Foruse on areflying andem

Operation

Stacked har chart. Wels can select a third Country from the Japabun to compare its Animal protein consumption to Malaka ANJ 96601 Averages.

Ital Map: This map provides were with a obtain perspective on which regions antitutes the most to fish and sented production.

Line and bor chart: Help's wers analyze the trooks in overfiching by comparing fish Preduction and consumption levels over time. giving insights into the Subanduity of malaysa's fishing practices

Bubble ohart!

were detailed statistics on a country to new detailed statistics on activiting and argumeter. It provides a clear usual representation of the severity of overfishing in different countries. Allowing wers to understand the arrelation between aroticiting rales and arguments needs.

Fogus

- O In the stocked bar chart there's two default values displayed in Malaysia is Global. User can choose the last har to comparism if the protein ausumption.
- 1) the line chart indicates the avertishing values by year in malaysia + values which indicates avertishing (prod > cons)

(e) has the offert of metal makes the metal ma

3 Colour of bubble indicates overfishing and size indicates the amount of consumption.

+ can see the relation with about & size *

betail

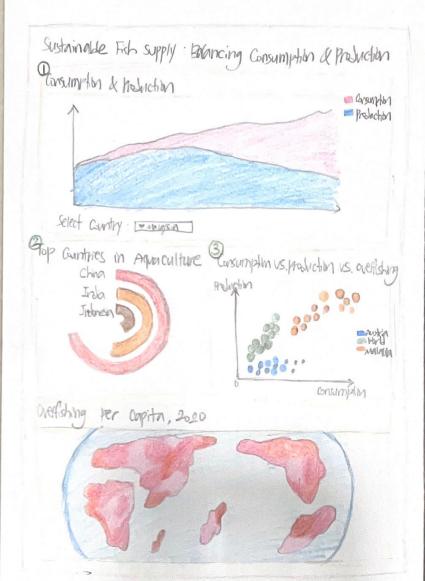
that sources: This visualisation will use tish production, consimption overfitching from our world in July.

Theline: About 2 weeks to complete Actrocessing, anothing chart and usualise it into HTML.

Technical Tools:

Pre-process - python create chart - vega-lite Final Shihboard -HTML css Java script.

Layart



Title: Sustainable Fish supply

Author: Darin Park Date: 26/09/2024

Sleet: 4 Task:

Operation

Consumption vs preduction: Demonstrates the imbalance between fish assumption and Abliction over time for different countries. Highlights the role of aquaculture in mading rising Jernand.

Top Countries in Aquaculture:

Compares agraculture Jovelophrent across leading nations (e.g. china, India, Indonesia and vidnam) emphasizing their role in Sustainable fish supply.

overfly and its impact:

shows regions most affected by overfishing and how it carefales with gaps between consumption and production.

Focus

- Departs the main story telling of why the agraculture is increasing. Groumphon is uptrand that capture fisheries and colon is downtrand.
- The should be the first insight of which country has developed with approximative to support the gap between supply & lemand.
- 3 In once of Anstra, when he town on Ad Lox, can see that

Production is still same but aroumption increases. So the size of eircle reduced. This visualisation shows that the artificity is depends in production and consumption.

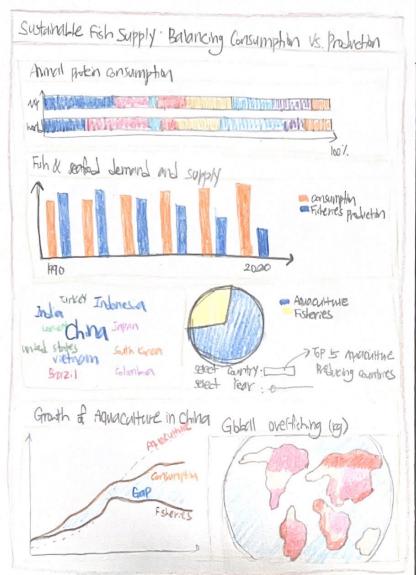
Detail

ditasources: uses data from global anthonies on aquorculture, consumption and anothing

tevelopment line : Approximately 2 weeks

Processing, plot creation, and final dashboard (HTML, CSS, and Java)

Layout



Title Sustainable Fish supply

Auther: Darih Park

Date: 26/09/2024

Steet: 5

Task: Final Implemention besign

Operation

Interactive visualisation:

Users can expere Jata on animal protein assumption and tish production through her effects, enabling Jetailed Jata explication by interacting with charts

Country - specific insights:

clicking on individual aunthors will update the charts to reflect specific consumption and prediction statistics to that selected auntry.

Linked Lata views

Interaction is one visualisation, such as selecting a year on country, will automatically update related charts to show the relevant trends in ansumption and production.

Focus

Shortelling of this visualisation"

In Malassia consumption of seafond & Ash is highest.

But, anomphin is increasing and production is decreasing

he need Approvious product to till the gap.

I Lortify the top country of appropriate for further analysis)

Paulde check with the top country data that aquaculture is the key to support consumption

Indicates Here's aperturing issues

betail.

The data for the visualisation was surced from multiple CSV from our world botton.

This virualisation was beeloped using RAthon, regal-lite and HTML/CSS.

PHHON was used for John pre-process.
This is essential due to vega-1:te is somether with Patriet.