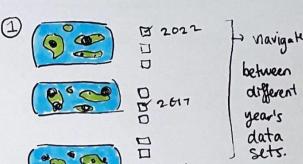
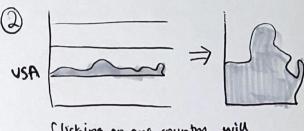


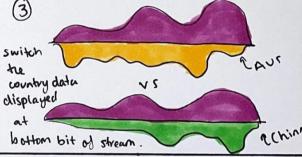
India

on proportional Symbol map TITLE: The Human Hair Trade

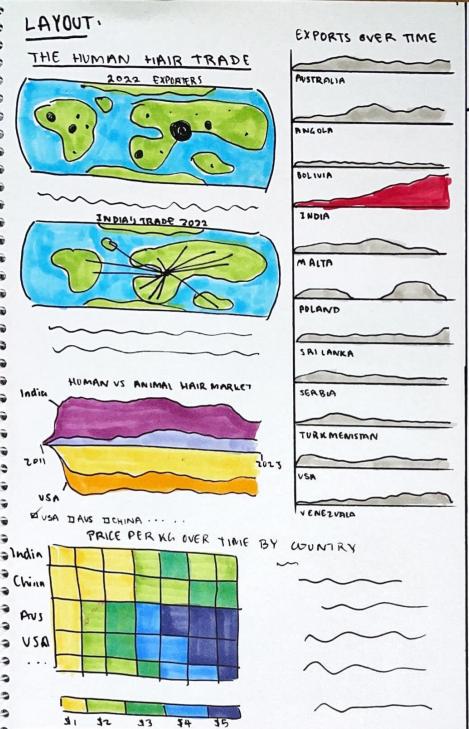




Clicking on one wuntry will bring up it's data set



- good story line/narrative structure is nell communicated by the
- similar layout to Data Visualisation I
- not sure of Vegalite can do te in teractivity features



TITLE: The Human Huir Trade AVTHOR: Ellen Costaras

DATE: 26/09/23 SHEET: 3

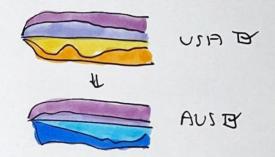
TASK: FIT3 179 Oata Visualisation Q

# INTERACTIVITY/OPERATIONS:

· Changing years for the proportional symbol map



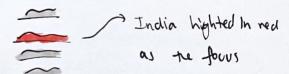
· Choose which country to compare in the stream chart



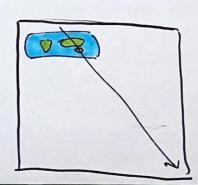
## FOUS:

9

2 column layout utilizes the length of the small multiples chart



· Map at te top deft in the main diagonal sight line



#### DISCUSSION:

# Pros :

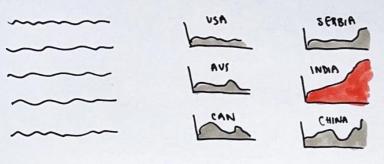
- · Utilizes the length of the small multiples charts
- · easy, simple text blocks

#### Cons:

- · te maps feel slightly small and squashed.
- te 2 columns are not of equal size.

LAYOUT .

# WORLD HAIR TRADE



2022 EXPORTS



PRICE PER KILDGRAM GVERTIME

2019

TITLE: The Human Hair Trade

AUTHOR: Ellen costanas

DATE: 26/09/23

SHEET: 4

7ASK: F173179 Data Visualisation 2

#### OPERATIONS:

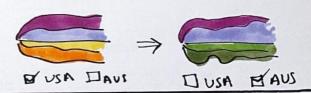
· chicking on one of the small multiples

brings up a graph of that multiple

larger E.g:



· swap out different countries for comparison in stream graph



#### FOCUS:

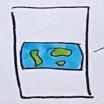
2022

2021

China



'The proportional symbol map is the main focus
of the visualisation



central placement draws foucus BUT:

2017

the portrait page orientation may mean the user has to a scroll down to see it properly because it's wider than it is long, it's size is bound by the page

### DISCUSSION :

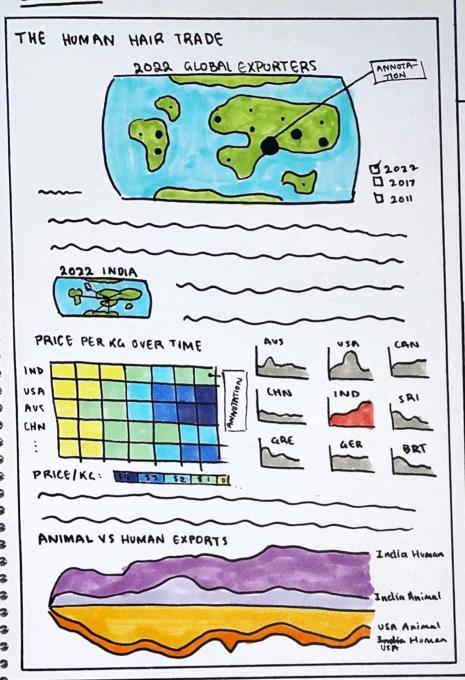
#### Pros:

- . The map takes importance in the middle
- · columns are equal

#### Cons:

- · The main diagonal slight line Stouts with \$\times \text. Not ideal
- · Not many interactions
- · These drawbacks from the focus

# LAYOUT:



# FOCUS:

OLD

· Takes the good story-line from sheet 2 START: the proportional symbol map, main foccus and establishes India as an orthier

MIDDCE: focus on growth over time and price over time to suggest a reason why India is outlier

FND: a peculiarity within India's huir market, and or pretty graph that uses the wildth well

· Takes the small multiple variation from sleet 4 to allow operation.

FEE SMALL 6 = F 319TI UM DED TITLE: The Human Hair Trade

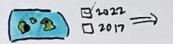
AUTHOR: Ellen Lostaras

DATE: 26/69/23

SHEET: 5

TASK: FIT3179 Data Visualisation 2

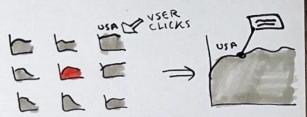
# OPERATIONS:





- user can select year trey want to view on proportional

symbol map



Ly user can click on a small multiple to see it enlarged and access tooltips

#### DETAILS:

DEPENDENCIES:

· unsure if vega hite is able to do the first operation above non

· quite advanced operations in general

· ability to support toolty a annotations

in a way that doesn't interfere with

TIME TO BUILD:

. Howemark mk a 4 mk 10 mill have already helped me build some

MAP 1: 3hrs

STREAM GRAPH: 3hrs

MAP 2: 3hrs

HEAT MAP : 3 hvs SMALL MULIPLE: 3hrs TOOLITPS/ANNOTATIONS: 24

ALGORITHMS:

OPERATIONS: 2 hrs PERFECTING: I hr TOTAL TIME: 12 hrs

· simple algorithm to calculate the price per kg and put into a dataset with

2021 \$ /KO \ \$/49 5 / kg country 2 9/K9 1/kg 1/69 1/60 1/60