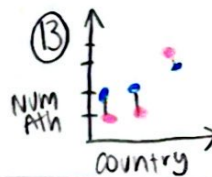
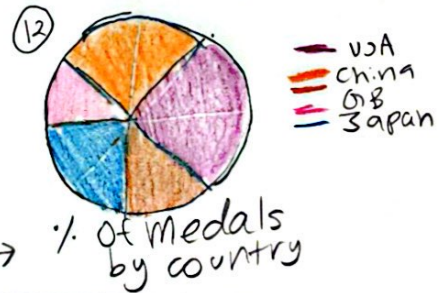
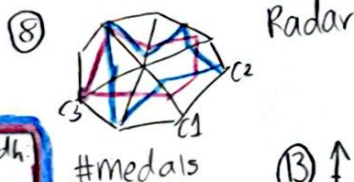
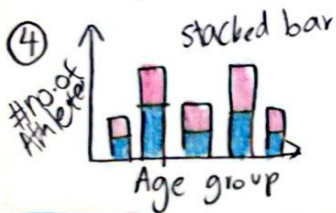
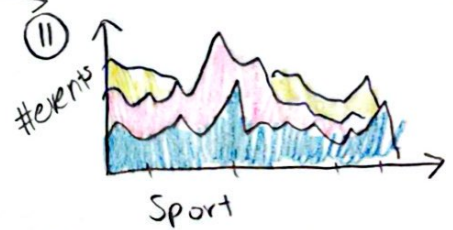
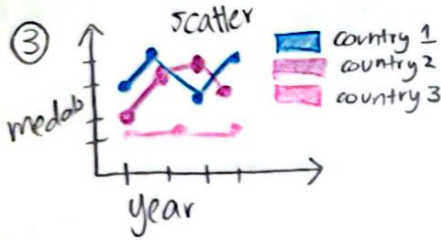
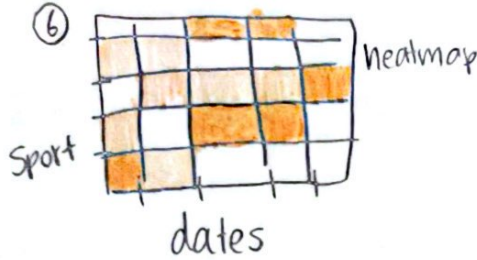
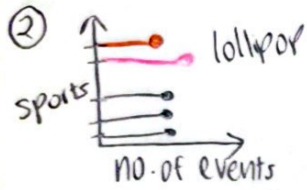
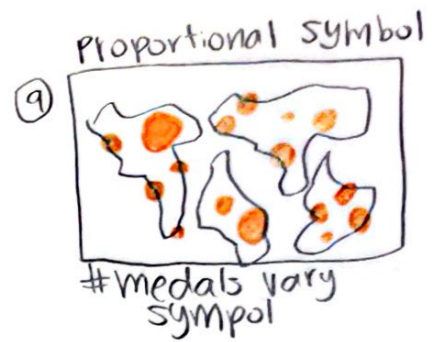
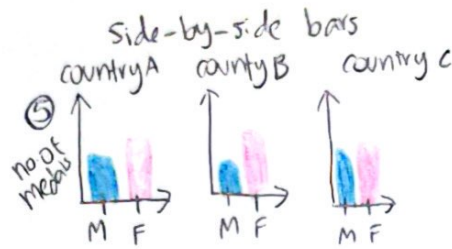
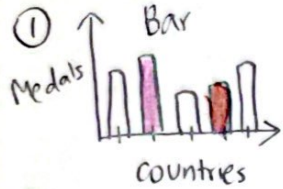
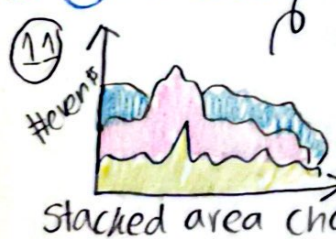


# IDEAS



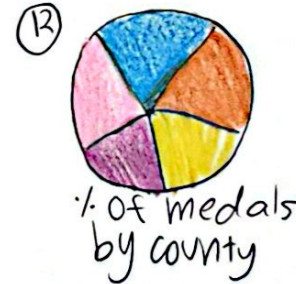
Author: Tegpreet Kaur Ganh  
Sheet: #1  
Task: Plan + Streamline ideas  
Date: 14/10/25

## FILTER



Information already conveyed with ⑦  
• can look messy because up to 48 sports need to be displayed

• difficult to interpret by the average viewer (requires additional knowledge regarding how to read)



• Will look very cramped if all countries are included (messy difficult to read/interpret)  
• reducing the no. of countries limits the use cases

## COMBINE & REFINES

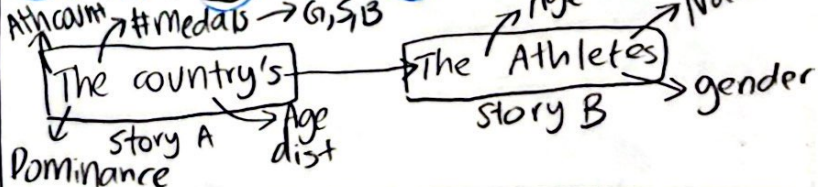
①, ⑦, and ⑫ communicate the same idea hence ⑫ may be redundant (reasons to remove explained in filter)

• can be joined with ② for storyline purposes

• ⑨ and ⑧ can be joined to portray story of country dominance

Ex: Map of all and the radar of top countries only

## CATEGORISE



## Questions

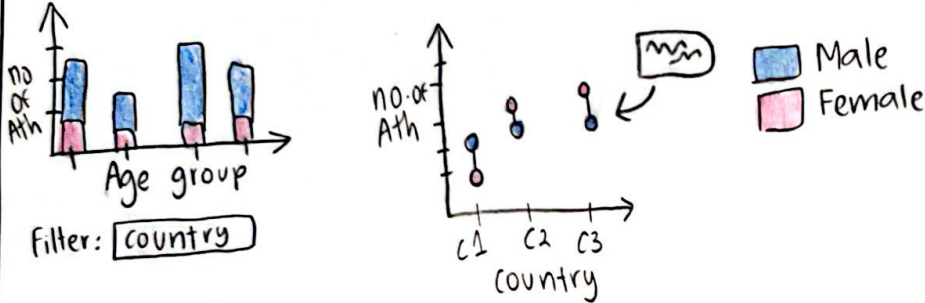
• Is the implementation of these visualisations doable?  
• How should the visualisations be structured to clearly communicate the



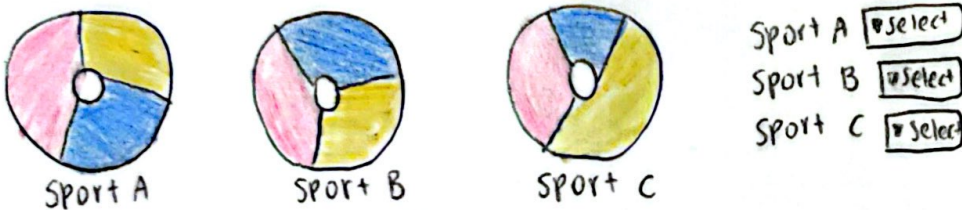
# LAYOUT

## PARIS 2024 OLYMPICS

Who Were the athletes at the olympics?



What Were the Sports at the olympics



Title: layout 1  
(Infographic Poster)

Author: Tegpreet Kaur Gandhi

Date: 14/10/25

Sheet: #2

Task: Informative  
(partitioned poster)

## OPERATION

Tooltips → To show the % and Proportions on the bar, dot and donut chart

Annotations to highlight key observations about gender and No. of athletes for the dot plot

Filter:

→ Allow users to select a country via dropdown

-display only the age distribution for that country  
(Include option for All)

Sport A   
Sport B   
Sport C

} allow users to select 3 sports from dropdown for comparative analysis

### Focus

Chart focus on Countries

Chart focus on Athletes

The poster has 2 main focus points

General focus on the role of gender (represented by colour) in the olympics

### Discussion

#### Advantages

- Simple to understand and produce
- Interactive elements make the chart easier to understand
- gender visualised consistently (clear focus)

#### Disadvantages

- Horizontal short layout (lack of space for text)
- Only minimal charts used (no complex analysis possible)

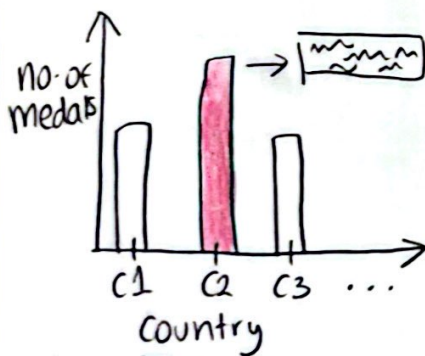


# LAYOUT

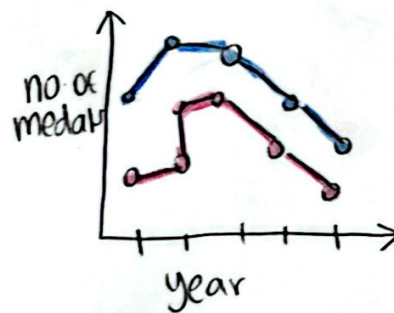
## Paris OLYMPICS 2024



Legend: % Percentage of total Athletes



Filter  Medal type



Filter

Title: Interactive Olympic overview

Author: Tegpreet Kaur Gandhi

Date: 14/10/25

Sheet: #3

Task: scrollable interactive dashboard

### Discussion

#### Advantages

- Map idiom included
- Simple layout to follow (not too much confusion)
- Minimal design

#### Disadvantages

- Together these charts lack harmony in terms of story telling (lack of focus)
- The bar chart will look very messy with all countries

### Focus

The main focus of this dashboard is the choropleth map that shows the % of Athletes from each country (Not necessary to normalise by Area/Population so % used instead)

The secondary focus is on the medals won by country at the Paris 2024 Olympics (Bar) and overall (scatter)

## OPERATION

Filter

allows users to select medal type (Gold, Silver and Bronze)

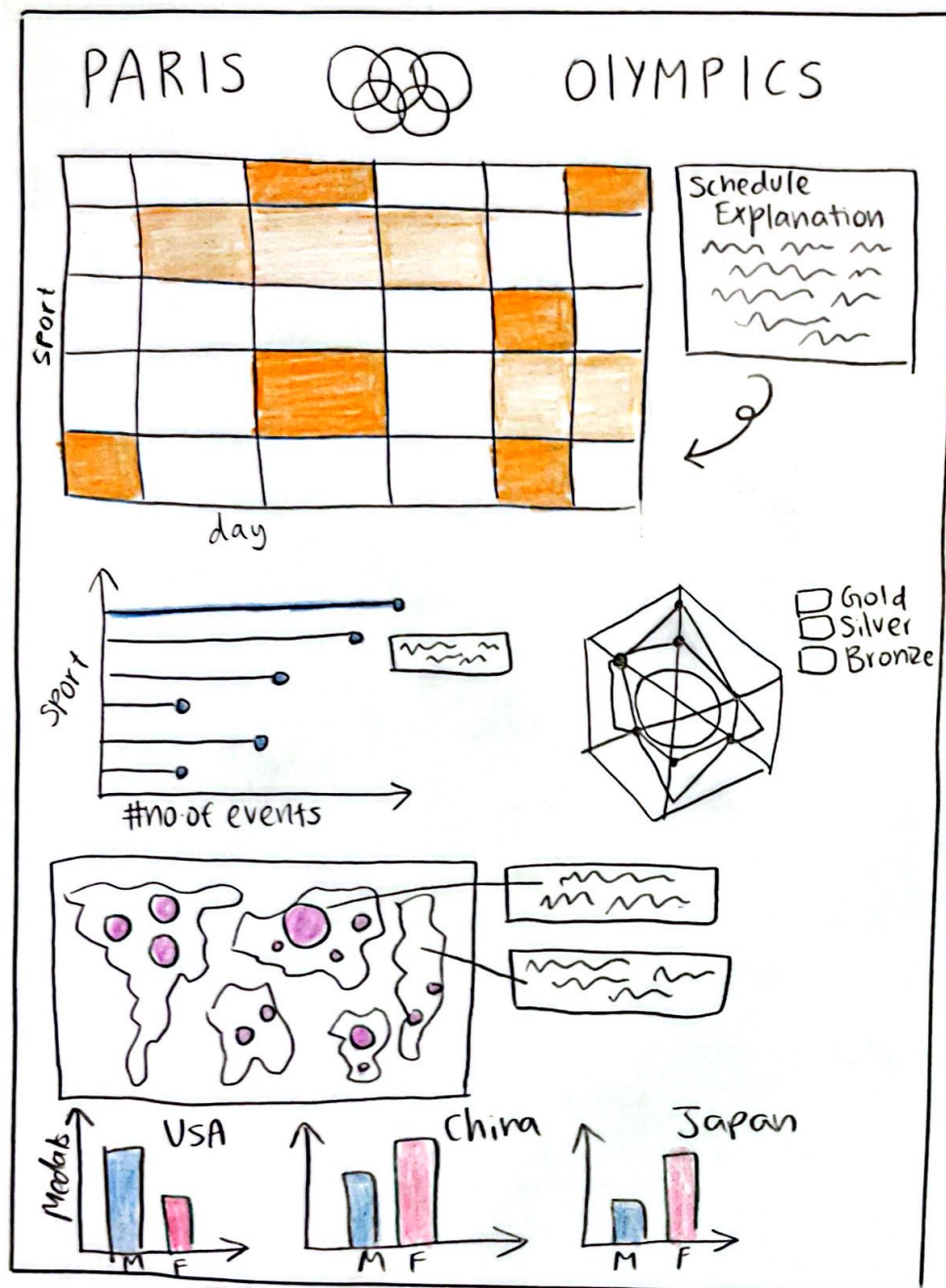
It should include "All" option

allows user to select 2 countries to compare medal wins over the year

← Map tooltip to show % and True value



# LAYOUT



Title: Layout 3  
Storytelling country's and Athletes  
Author: Tegpreen Kaur  
Grandhi

Date: 14/10/25

Sheet: #4

Task: Use interactive elements to produce a storytelling db

## Focus

The main focus of this dashboard is an even spread between

- Showcasing the performance of countries in the olympics

And

- showcasing the performance of Athletes in relation to their country

## OPERATION

- description sections

to provide context of the charts within the overall story

- Annotations to increase the explainability of charts used

- Tooltips Example:

country: Medal total: hover over point in the radar chart

## Advantages

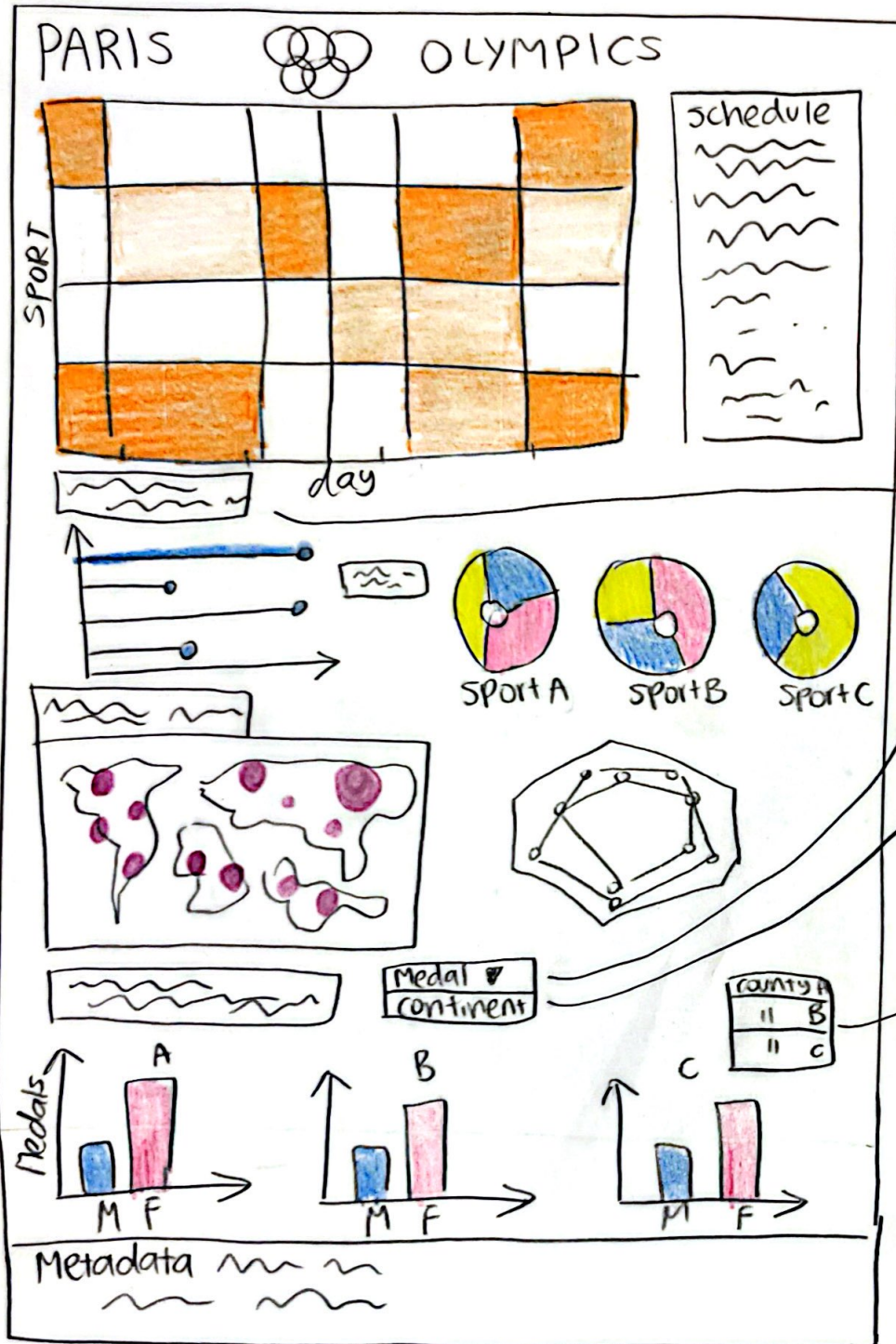
- charts used are visually appealing and easy to interpret
- charts are relatively straightforward to produce using Vega lite
- Annotations and text boxes help users unfamiliar with the domain knowledge understand the vis

## Disadvantages

- The charts are quite crowded
- The text boxes on the side of the charts will increase the overall sightlines (suggest to use longer scroll space)



# LAYOUT



Title: Final layout design

Author: Tegpreet Kaur Gandhi

Date: 14/10/25

Task: Final layout design adapted from Sheet 4 (one chart from sheet 2)

Sheet #5

## OPERATION

→ Textboxes added after every chart to increase explainability

→ Filters added to allow users to select Medal type (dropdown)

→ Dropdown allowing users to "zoom" into selected continent for better visual clarity

→ Filter added to select countries to compare (A, B, C) rather than fixed countries USA, China and Japan

## Discussion (Details)

Requirements - Vegalite for vis - R for wrangling

→ Appropriate data sets with required info about country + Athlete performance

→ Fonts should be consistent

### Anticipated timeline

→ 2-3 days to learn vegalite  
→ 4-6 days to combine with HTML and CSS

## FOCUS

Intro  
Countries Performance  
Athlete Performance (related to country)

Focus user attention on  
✓ Overall season summary  
✓ Helps ensure harmonious story telling

← Highlight key information about performance

← Textboxes to assist with focus transitions