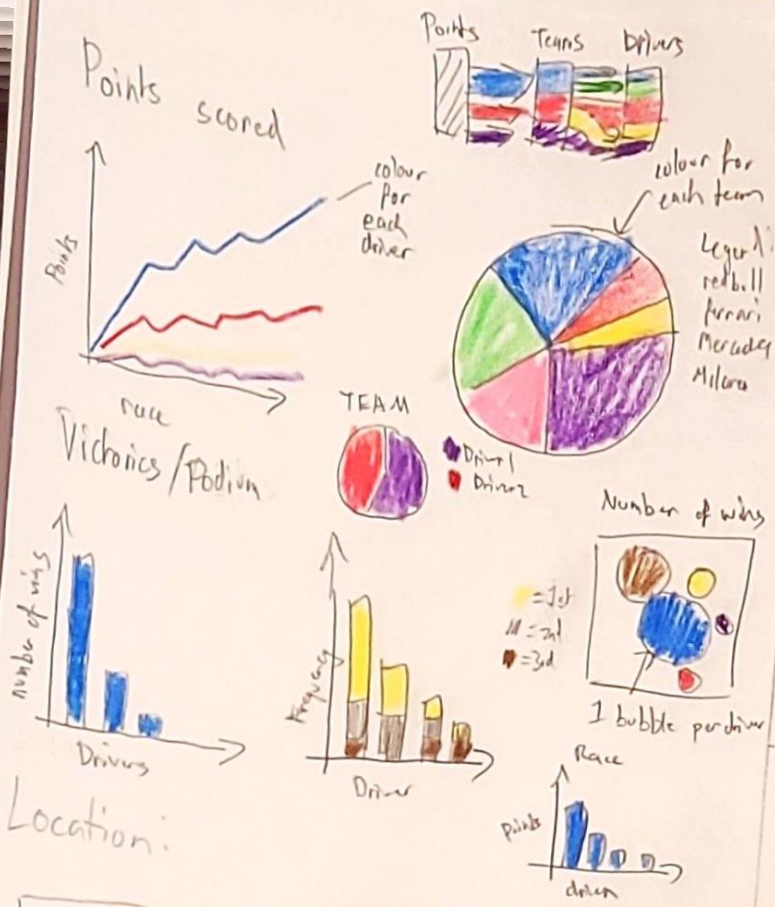


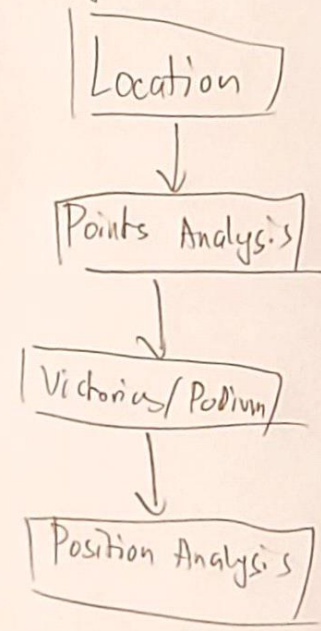
IDEAS



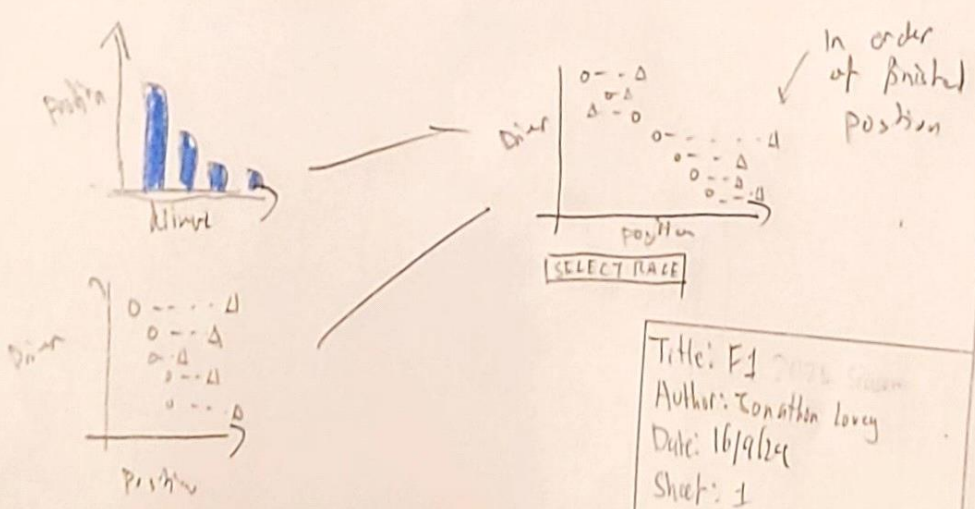
2. Filter



3. Categorize



4. Combine and Refine

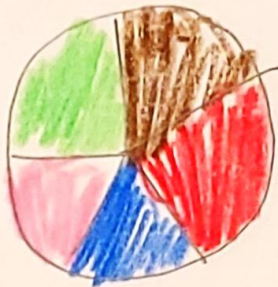
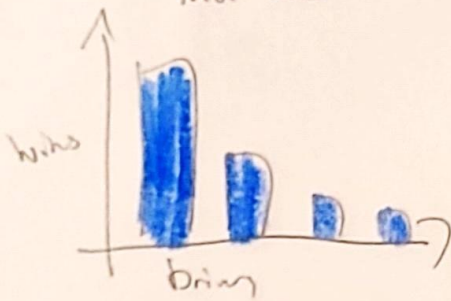
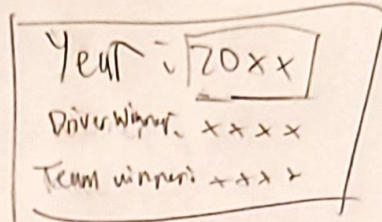
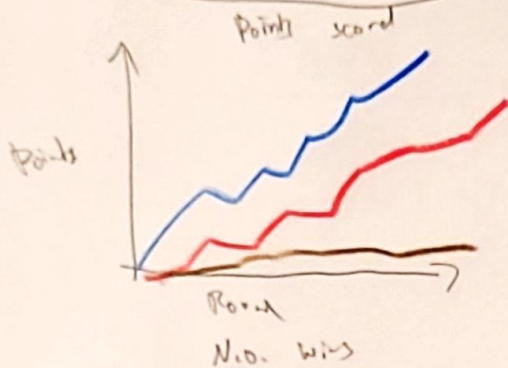
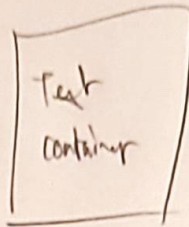
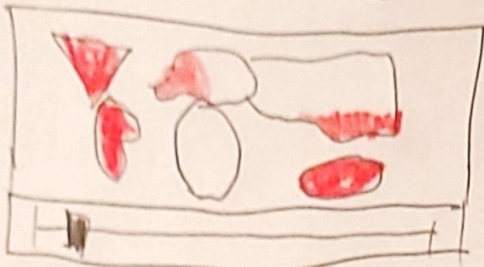


5. Questions

1. Are these implementations doable?
2. Are we focusing on certain teams or everyone?
3. Do these visualisations show a clear story?

Title: F1 2020 Season
 Author: Jonathan Lacey
 Date: 16/9/2020
 Sheet: 1
 Task: FIT3179 AZ

F1 History



Title: F1

Author: Sonathon Louey

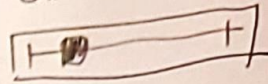
Date: 16/9/24

Sheet: 2

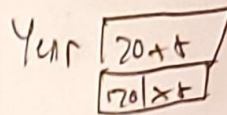
Task: FIT 3171 A2

Operations

Slider



- changes the year
- shows where they went each year

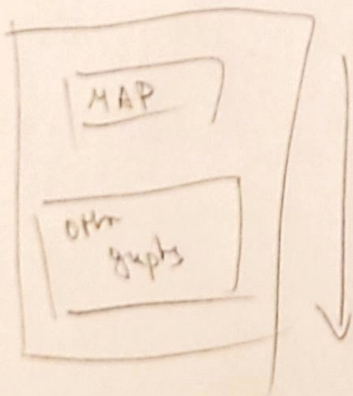


- changes year,
- changes all graphs and test below

Tooltips:

- hovering map shows where they raced that year
- hovering other graph gives full details of points, wins, driver etc.

Focus



Map main focus

Other graphs all get filtered by year

highlights winner team + driver and how they won

Discussion

Advantages:

- Flows well
- Simple and clean
- Easy to use.

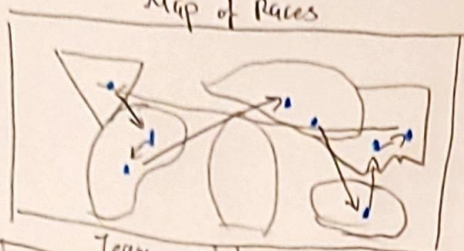
Disadvantages:

- Too much data required?
- Not enough visualisations?

Layout

F1 2023 SEASON

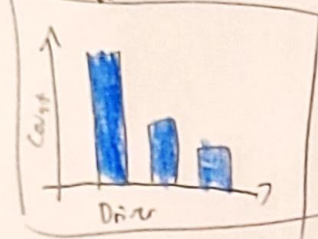
Map of Races



Team point distribution



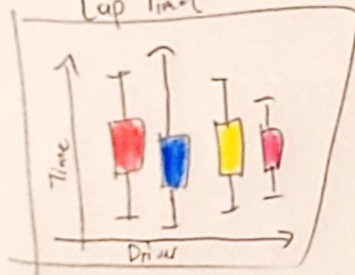
Wins



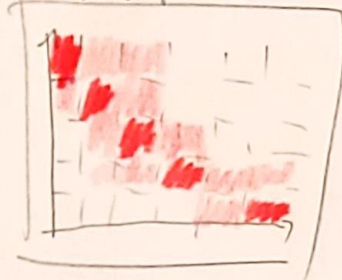
Position change



Lap Time



Average position finished



Title: F1

Title: F1

Author: Sonath Louy

Date: 16/9/24

Sheet: 3

Topic: FIT3174

Operations

RACE

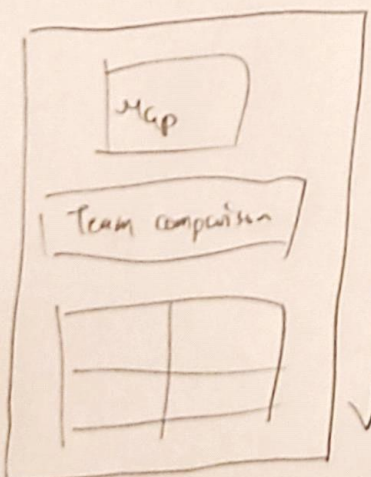
- Dropdown filter to switch races

RACE
AUS
SPAIN
Abu Dhabi

Tooltips:

- hovering ~~dot~~ Dot plot shows Driver, starting position and finishing position
- hovering box plot shows average lap times, slowest and quickest
- hovering heatmap shows average position finished

Focus



Flow down the page

Map gives initial info compares teammates and who overperforms on the team

Compares all drivers on wins, position and speed

Discussion

Advantages:

- Clear sections
- Easy to make.

Disadvantages:

- Not a clear focus, too many unrelated graphs
- little to no filter
- too simple

Layout

Title: F1

Author: Jonathan Long

Date:

Sheet: 4

Task: FIT3179 A2

Operations

Tooltips:

Map:

- Shows more info when hovering points

Round:
Date:
Location:

Line graph

Round:
Points:
Title:

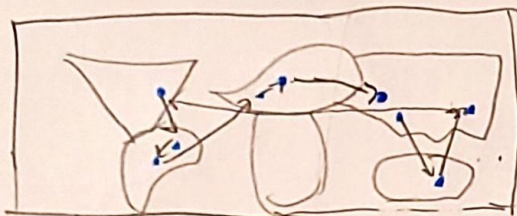
- Shows details of point increase in each round

Re chart

Team:
Points:
% of points

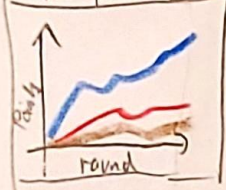
- shows how many points each team has
- highlights who finishes higher

F1 2023 SEASON

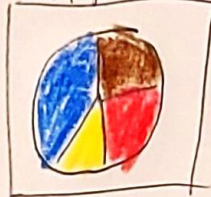


INFO ON
2023
SEASON

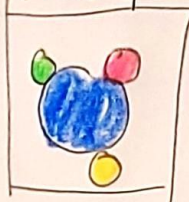
Driver points



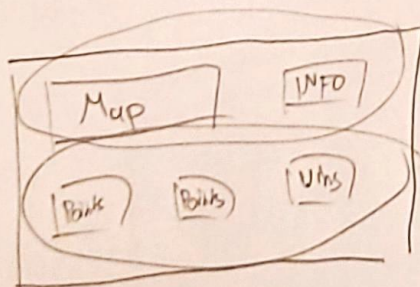
Team points



Number of wins



Focus



1st focus

- focuses on info on overall season

2nd focus

- looks at wins and points
- highlighting the best team and driver of the season

Discussion:

Advantages:

- simple design
- flows well

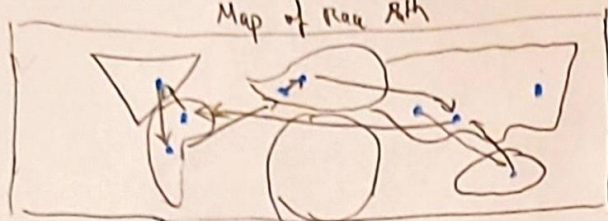
Disadvantages:

- too simple?
- Too many similar visualisations that convey the same message
- No filters

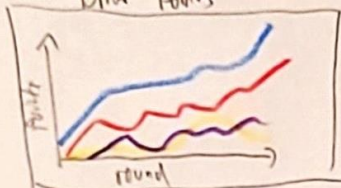
ayout

F1 2023 SEASON

Map of Race Rth



Driver Points



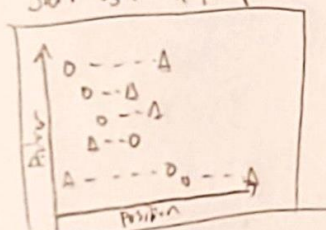
Team Points



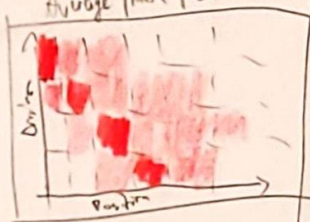
Podium Analysis



Start vs Finish position



Average finish position



FILTER

Title: F1
Author: Sonathon Lovey
Date: 16/9/24
Sheet: 5
Task: F13179 A2

Operations

Filter by legend:

Driver

○ ---

○ ---

○ ---

○ ---

○ ---

Team

○ ---

○ ---

○ ---

○ ---

- click on legend to highlight drivers progression
- click on multiple to compare

FILTER

- Dropdown menu to select different Races

Tooltips:

- Hovering all graphs will provide more info

Map:

Round
Date
Location

○ ---

Start:
Driver

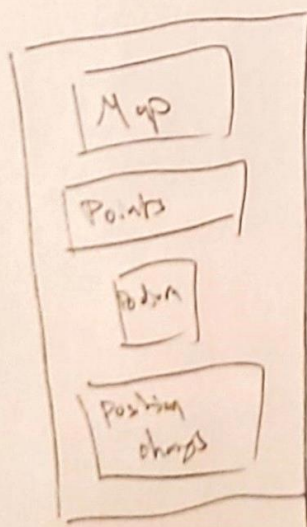
line

Driver
Points
This round

Heatmap

Position
No. times
finished

Focus



- Main focus on map to give overview of F1 year
- Points to see how each team and driver went
- Look at number of 1st, 2nd and 3rd places
- Look into detail of race results

Details

Dependencies:

- excel for data cleaning
- Vega-lite to create visualisations

Estimated time

- ~ 10 hours to visualisations
- ~ 3 hours for HTML + CSS
- ~ 1 hour for writing

Requirements

- 350m for Map
- size to general 1920x1080 screen
- Upload to live github.