



Project stand up 2

Team: DV09_T05

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Agenda

- Tasks completed
- Current progress
- Blockers and challenges
- Next Steps

Tasks

Completed

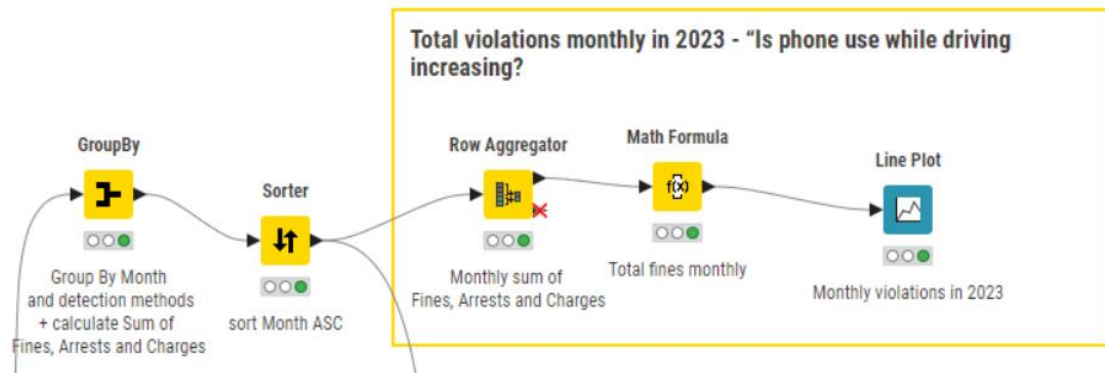
- First chart drawn with D3
- Decided on having two dashboards (1 for main dashboard, 1 for comparison)
- Finished some of part 3 in Design Book draft

In Progress

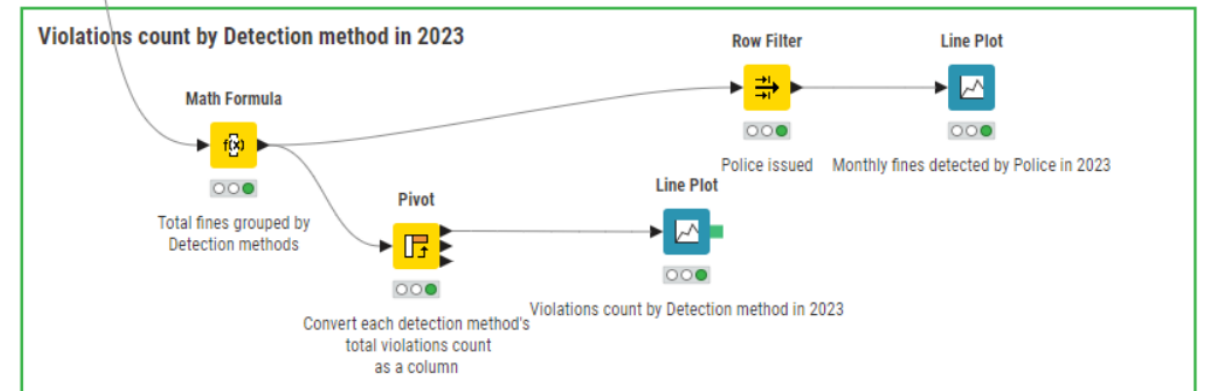
- Develop KNIME workflow
- Finalise Visualisation Design in the Project Book
- Design Figma prototypes of Visualisation and Interaction Design
- D3 coding

KNIME Workflow

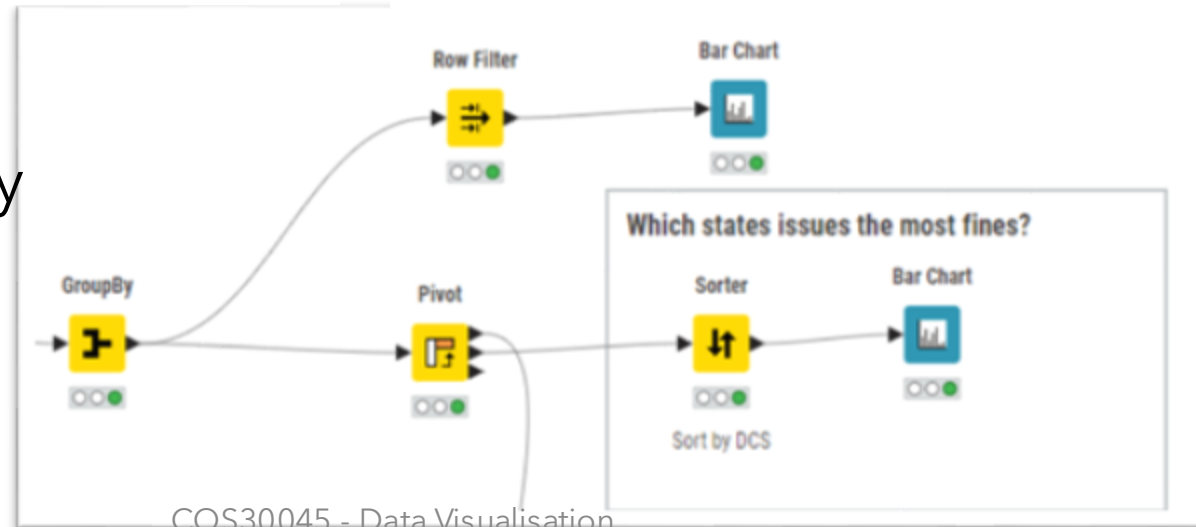
Line chart of monthly violation count in 2023



Line chart of violation counts by detection methods in 2023



Bar chart of violations by jurisdictions

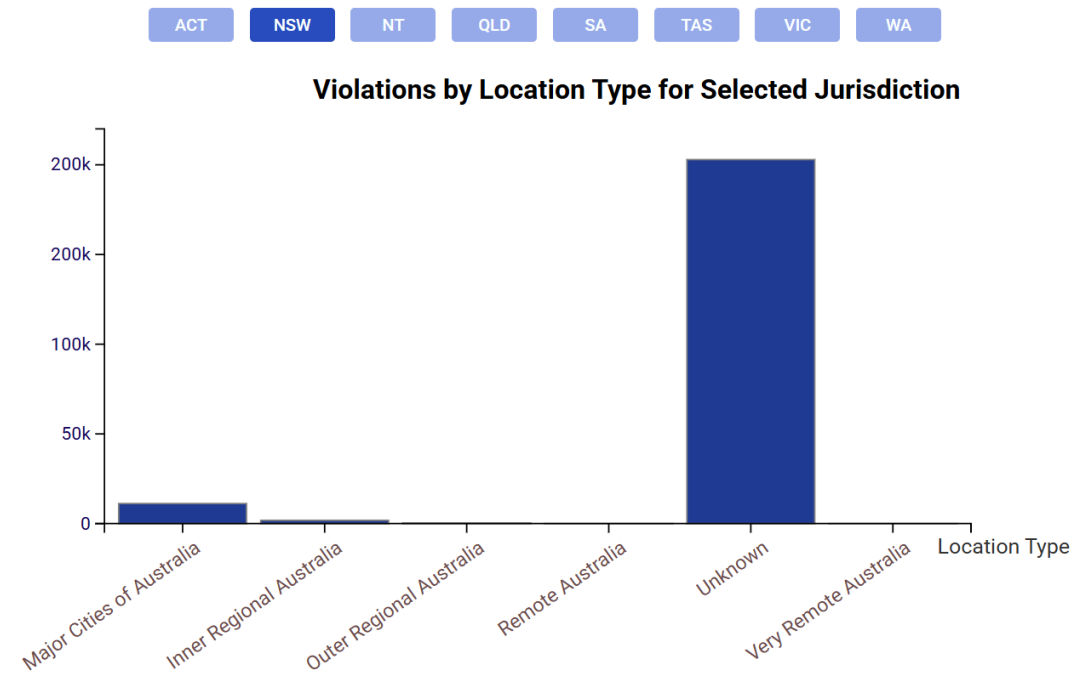


Figma Prototype and sketch of visualisation design

Main dashboard in Figma



Draft a bar chart displaying violations grouped by location within each state





Blocker and Challenges

**Merge changes on GitHub
branch with conflicts (Still
figure it out)**

**Find out the solution for
"Unknown" values in the dataset
(Eg: Detection methods and
Location)**

Next Steps

1

Prepare dataset for drawing visualisations with KNIME

2

Update and refine Visualisation Design in the Project Book

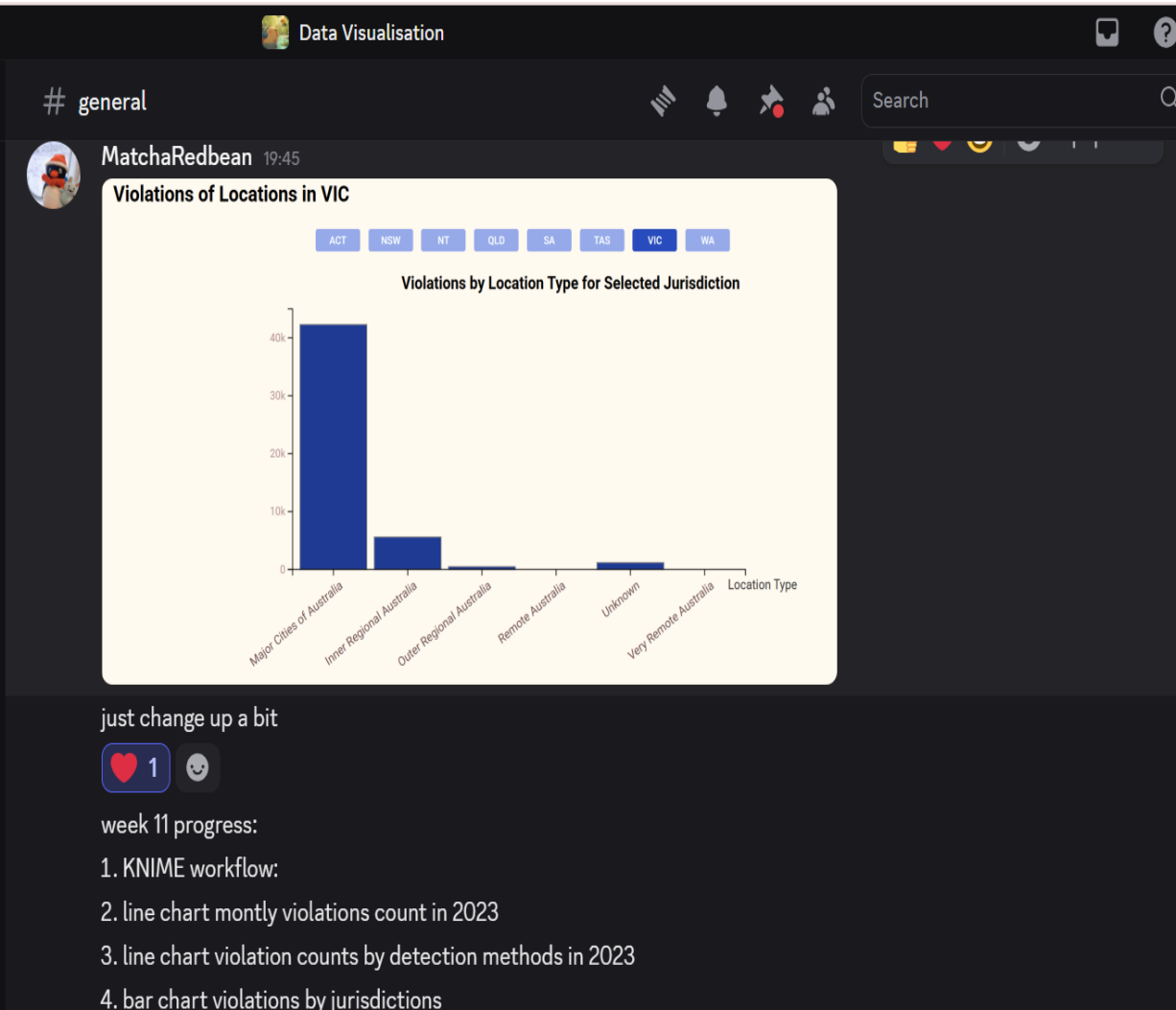
3

Continue coding for the project with D3

4

Design useful and meaningful on Interactivity features

GitHub Link and Screenshots of communication



The screenshot shows a Slack conversation in the '# general' channel. The participants are Serena and MatchaRedbean. Serena starts by expressing her opinion on creating a dashboard for comparing and analyzing data by filter from different visualisations. MatchaRedbean responds that 'unknown' is a location type. Serena then lists two options for handling 'unknown' data: transforming it to '0' or deleting it directly. MatchaRedbean explains that deleting 'unknown' would result in 0 violations for that state. Serena concludes by mentioning the detection method issue and suggesting the use of a 'Missing data node' or an 'Other' category in KNIME.

Serena 19:20
My opinion is that we will also create one dashboard in our story for each group of users can compare and analyse the data by filter from different visualisations at the same time in one page. Otherwise, when I clicked to check, the unknown data almost displayed as police issued fines (eg: 2023 - unknown detection method) and I also saw that they have a Fixed or mobile camera (it displays both camera issues and police issues)

MatchaRedbean 19:21
this is unknown in the location

Serena 19:21
So there are 2 options for us:
1. We will transform "unknown" to "0" (have to find backup or supported references)
2. Delete it directly

MatchaRedbean 19:22
if u delete the location "unknown" some of the state will return as 0 violations

Serena 19:28
Yep, I thought you mentioned about the detection method issue.
Okay, for unknown location, we can use a Missing data node or group it into "Other" category in KNIME (edited)

Here is the GitHub link:

https://github.com/COS30045-2025-Classroom/data-visualisation-project-dv09_t05



Thank you