COS30045 Data Visualisation

Class 10

Agenda
- Data Visualisation Project check in
- Stand-up 1

Project Teamwork Check in

Progress
- Completed or drafted **introduction**
- Undertaken some **data processing** and **exploration**

Communication

- Team communicating regularly

Task Management

- Assigned tasks to team members

- **Team members completed assigned tasks**

- GitHub Classroom Team repository up and running

If your team member has not responded to messages and/or completed agreed tasks
LET US KNOW ASAP

Talk about how team will manage work leading up to end of semester

Feedback on Critique to take forward…

- Use screenshots to show what you are talking about

- Don't trust GenAI to analyse your vis (i.e., no pie charts, not maps…)

- Be systematic

- Check everything (e.g., "no tool tips", "no data"..)

- Reference everything (in-text citation)!

- GenAI doesn't know how to do APA7 properly (use hanging indent!)

- Use textbooks and articles for references (not blogs)

Things to watch out for…

Avoid over promising what your data visualisation (and data can show)

➢ More fines does not mean more safe, more effective, more law breaking…

➢ Make sure your data can answer your questions!

Check logical link between claims and data

Do some literature research to support claim

Correlation does not equal causation

Be aware of trade offs and document in design (i.e., legend => take up space/more cluttered)
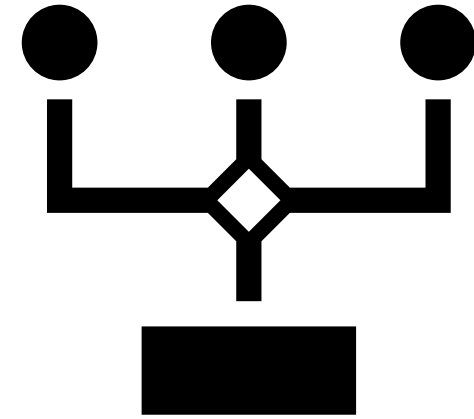
Project about DESIGN not just build, don't forget to document and justify design process…

Multiple different approaches...

1. Rebuild current design using D3 with some refinements

2. Reorganise, redesign/refine charts to make better dashboard/improve interactivity using current data set

3. Redesign dashboard to make use of new data being collected (i.e., for 2023 and onwards)

4. Redesign dashboard for road safety awareness (i.e., to try to change road user behaviour) (will need to do research about what methods might work)

5. Any of above, plus integrating other data bases, better/more normalisation (justify), signposting limits of data set...
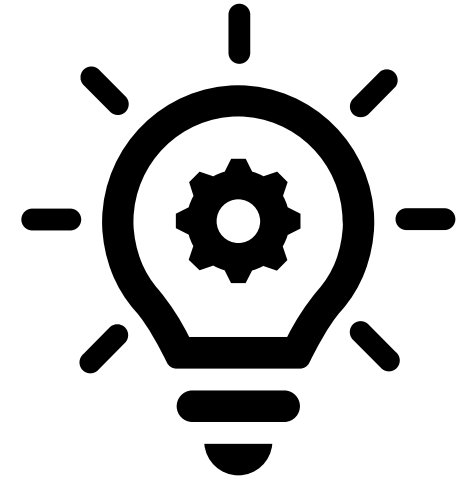
Consider team skills and available time when planning vis

Stand-up

Stand-Ups must demonstrate progression towards final Project.

Final Project submissions that:

- deviate significantly from work presented in stand-ups (without prior discussion with teaching staff),

- demonstrate little to no progress on Project during semester,

May be investigated for Academic Integrity.

Team members who do not attend stand-up (without extension/exemption) will receive 0 for this assessment
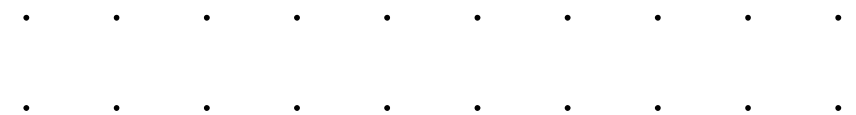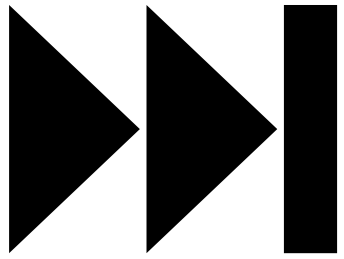
Next Week

Exercise 11: Project Standup 2

➢ Report progress to tutor
➢ Get feedback on work