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# Assignment 2

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COSC2671

# Outline

- **Purpose**
- **Team formation**
- **Topic selection**
- **Teams creation**
- **Regular consultation**

# Purpose

Perform more complex analysis/problem solving, using social media and what we learnt in class

Open ended, similar to real life

- Determine topic, approach, measures of success

Working in a team

# Topic

Similar to assignment 1, select something interesting to your team.

Select something that is non-trivial, but also doable in the time you have.

The topic can be a question:

- Using social media, what is the difference in attitude and take-up of electric vehicles?

The topic can be a problem:

- Using social media, can we analyse and predict the likelihood of accidents in different parts of Melbourne?

# Topic & Assignment Conditions

- Must include at least two sources of social media.
- Must include a graph or network and its analysis/processing to solve a problem.
- Must include some element of analysis using social media and networks, and something we learnt in class. It cannot be all machine learning for example.
- Your analysis or solution is in Python, but parts maybe in other languages, e.g., Javascript if you decide to prototype a front end on website.
- All code should be your own, you can leverage packages such as Networkx etc., but it shouldn't be copied from an existing solution.

# Team Creation

Teams of 3

Create a MS Teams/Github repo and invite me and  
Imesh 😊

# Regular Consultation

Every week, We'll set up a number of sessions that each team can come and chat with us for about 15 minutes

Idea is to provide some guidance and advice, given the assignment is open ended

Consider what is most needed for our time together