**Context**

The objective of the assignment is to use the following data set to provide advice to a client of your choosing. The data set is [Crash Stats - Data Extract - Datasets - Victorian Government Data Directory](https://discover.data.vic.gov.au/dataset/crash-stats-data-extract). This is public data was collected on the web and is not related to any work we currently undertake.

We would like you to investigate, analyse it and prepare a presentation. You may also supplement the analysis with additional data as you see fit, but the core analysis should be focused on the crashes.

The presentation should:

* Last ~20 minutes
* Imagine that you are addressing a client; **Focus on delivering value** to an audience of your choosing (e.g., VicRoads, governments, hospitals, local councils, etc.)
* Assume that the members of the audience have varying levels of technical knowledge.

Your code:

* **Share your code through a source code management solution such as Github or Bitbucket before the interview**
  + We encourage you to submit code that you would be proud to merge to a production code base
* The analysis should be done in **Python/R** using a dataframe library such as **Pandas/dplyr**
* Develop a machine learning model to deliver insights or recommendation to a client of your choosing
* Other tools (Tableau, Dash, etc.) can be used for visualisation purposes if needed but not required

After the presentation, there will be a further discussion in which they will ask questions regarding your work on the dataset.