

#### **FIT3179 DATA VISUALISATION**

# Class Participation - Analysis of Visualisations

As part of the development of your abilities in reviewing, critically analysing and eventually building your own data visualisations, we would like for you to be exposed to as many different visualisation types and domains as possible.

### Task

Each week, from week 2 to 11, students will be presenting and discussing an existing visualisation during the lecture and tutorial time. The focus of each week may be a particular domain, type of visualisation, information type, focus or audience. The instructions for the visualisation you will need to find will be given at the end of the lecture of the week preceding. For example, in Week 2 you will be following instructions given at the end of the Week 1 lecture.

You need to post your visualisation and analysis/comments each week to a form on Moodle.

You need to present once; you will be notified regarding the weeks in which you are expected to do a presentation. Your presentation will be shown using a posting that you have made, prior to the presentation, on the appropriate Moodle forum. As such, you are expected to post images, links and discussions on the forum before the weeks that you are presenting in.

### **Learning outcomes**

This assessment is related to learning objectives:

- 1. critically analyse data visualisations;
- 3. describe the main applications of data visualisation in business, engineering and design, and the social and physical sciences;
- 4. describe the advantages, drawbacks and pitfalls of the visual presentation of data as compared to its presentation using other media.

## Criteria for marking

Presentations and forums posts will be assessed on a number of criteria:

- Ability to identify Data Visualisation principles taught in the unit in the visualisation you choose
- Quality of the critical analysis conducted

**Value: 10%**