ETC1010 Project

The project is designed to give you experience collecting or finding your own dataset, determining the appropriate questions to answer about the data, and planning how to execute analysis of the data. The project involves several parts.

1. Locate a suitable data source and determine appropriate questions that could be answered using this data.

2. Cleaning of your data, in order to answer your questions. This is the important part to illustrate in your project, because we are expecting you to be able to demonstrate your ability to take a messy data set and organise it for later analysis.

3. Simple analysis using methods covered in class; exploratory data analysis, numerical and visual summaries of the data, and the application of basic modeling strategies. The focus is on trying to answer some of the questions you posed. You are not expected to answer all, if you have a long lots of questions.

4. Describe your cleaning procedures and analytics in a short project write-up, **no more than 5 pages**. You should include why you chose the data and what learned about the problem by completing this project.

5. Present your report in class, **10-15 minute oral presentation**.

This project will be conducted collaboratively, with team of your choices, and with i**a maximum team size of 6.** Your team can include members from different tutorials. To ensure correct marks are awarded, please carefully document, in detail, your individual contributions to the project. Each team member is expected to participate substantially in all aspects of the work, including the writing and oral presentation.

The project represents 20% of your final grade for ETC1010. The important deadlines are as follows:

Due Date	Turn in	Points
Wed-Thurs Sep 13	Team members and team name turned in **on paper** to your tutor, and paragraph describing ideas for data sets.	15
Thurs Sep 21 6pm	Rough (not cleaned) electronic copy of your data, and a page of data description submitted online through ED	20
Thurs Oct 5 6pm	Cleaned electronic copy of your data, and a page of data cleaning and final variables, submitted online through ED	20
Wed-Thurs Oct 11-12	Final project report printed and handed to your tutor.	20
Tues-Wed Oct 17-18	Project presentations during class periods. All students signed up for ETC1010 are expected to attend, and points will be deducted for non-attendance.	25