# MITS6002

# Business Analytics

## Assignment 1

**Case Study - Presentation**

**Learning Outcomes**

The following learning outcomes have been covered in this assessment:

**LO1.** Demonstrate an in-depth the conceptual and methodological knowledge of analytical methods and techniques for business analytics

**LO2.** Expertly identify and resolve practically relevant business analytics questions and issues

**LO3.** Conduct research on a collection of business cases and perform statistical analysis as also interpret these outcomes to recommend appropriate business directions.

**Objective(s)**

This assessment item relates to the unit learning outcomes as in the unit descriptor. Objective of this case study to assess the ability of students to understand large data sets and apply their knowledge in analytics to come up with useful insights. This assessment is designed to improve student presentation skills and to give students experience in researching a topic and writing a report relevant to the Unit of Study subject matter.

**INSTRUCTIONS**

1. Find a data set from an open data website

Example:

https://data.gov.au/
https://www.springboard.com/blog/free-public-data-sets-data-science-project/
https://www.dataquest.io/blog/free-datasets-for-projects/
https://www.kaggle.com/datasets

The data source should be large enough (at least 10 columns and 250 rows).

2. Present your insights including some basic analytics and at least five different visualisations.

3. This is now an individual assignment, not a group assignment.

4. You need to record your presentation, 3-6 minutes. You and your slides should be clear in the video file.

5. Submit your video file of your presentation in the provided link by the due date. Only original file will be accepted; a link to your video file will not be marked.

**Submission Guidelines**

All submissions are to be submitted through the moodle. It is your responsibility to upload a quality and standard format file in the moodle. The link for video will not be accepted and will not be marked.

Submissions must be made by the due date and time (which will be in the session detailed above) and determined by your Unit coordinator. Submissions made after the due date and time will be penalized at the rate of 10% per day (including weekend days).