

CMP7205 – Applied Statistics

REPORT TITLE

Applied Statistics Report

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MSc (Hons) in Big Data Analytics
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Abstract

Summary of the entire report

1 Section title

This is the introduction section

1.1 Subsection

2 Executive Summary

This is the Executive Summary section

2.1 Subsection

briefly introduce the problem, major questions and interesting findings of your report. Although present at the start of the report, this must be written after the rest of the report is complete and must be no longer than half a page;

3 Introduction

This is the Introduction section

3.1 Subsection

describe the purpose of the report - introduce the problem domain with suitable citations and list a set of related statistical questions;

4 Methodology

This is the Methodology section

4.1 Subsection

list and justify the number of statistical techniques selected (such as those taught) to answer the previously outlined questions (or intermediate questions within) by showing how they are apt and what information can be extracted from them. This concerns marking criterion 2 listed later.

5 Datasets

This is the Datasets section

5.1 Subsection

describe and justify the datasets used to show what information is contained in the datasets and how it aids to answer the relevant questions. If the description is very long, then summarise the key information and detail the columns in the datasets in appropriate appendices. Also, properly cite the dataset in the References section and include their exact hyperlinks;

(Data Pre-processing): discuss any data pre-processing that is required to prepare the data for subsequent analysis.

6 Results and Discussion

This is the Results and Discussion section

6.1 Subsection

Conduct the statistical analysis and report the results. Show how the statistical assumptions required for applying a statistical test are fulfilled. Discuss and evaluate the results to effectively answer the questions outlined earlier;

- o Detail the results in tables and figures as appropriate. Each table and figure must be numbered, and must have appropriate legends (if required) and captions. The captions must be a set of grammatically complete sentences (up to 3 lines long) that concisely describe the information in the tables and the figures. No such table and figure should be included that is not discussed in the text. The numerical comparisons should be supported by appropriate tests of statistical significance.

7 Conclusions

This is the conclusions section.

7.1 Subsection

Summarize the key findings of your report so that if someone does not have the time to go through the whole report, he/she can still understand the important results.

8 References

This is the references section

8.1 Subsection