ISSU0053 Data Science and Big Data Analytics **Report ID:** **1043382**

UCL International Summer School for Undergraduates 2019

**Assessment I: Computer Practical Work and Write-up (50%)**

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| **Task** | **Mark** | Comments |
| T1: Explore the dataset | A+ |  |
| T2: Linear **/** logistic regression **/** LDA | A |  |
| T3: Decision Tree methods | A | Implemented KNN as well |
| **Overall task:** | A |  |
| Use of Figures | A |  |
| Introduction, Commentary, Summary | A-B |  |
| Coding Technique | A |  |
| Writing Standard | A-B |  |
| Structure & Presentation | A |  |
| **Overall:** | A  (75%) |  |

**Strengths:**

- overall good report with clear introduction and good EDA

- you seem to have understood all the main concepts covered in class and implemented all the models required, as well as KNN – well done!

**Focus on improvement:**

-what do you mean by attrition?

- what are the 0 and alternative hypotheses in your t-test?

- more detailed comments throughout the report would have been helpful

- KNN not fully explored – seems like accuracy might have risen even higher with a higher K if you had tuned the grid with a higher K

- there is no conclusion that sums up your findings and compares all your implemented models in order