ISSU0053 Data Science and Big Data Analytics **Report ID:** 1043370

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++ |  |
| **Overall task:** | A++ |  |
| Use of Figures | A++ |  |
| Introduction, Commentary, Summary | A+ |  |
| Coding Technique | A++ |  |
| Writing Standard | A++ |  |
| Structure & Presentation | A++ |  |
| **Overall:** | A++  (100%) |  |

**Strengths:**

- excellent report

- excellent figures

- each step commented with appropriate introduction and proper conclusion which sums everything up and compares the different models

- dealt with ACTUAL big data

- feature engineering/EDA done in a separate file, which makes it easy to follow and follows good coding practices

- great outline of potential next steps

**Focus on improvement:**

- the choice of problem is not really interesting since the fare amount OBVIOUSLY depends on the distance (thats how taxometers work)

- more research about taxis in NY would have also revealed that the cabs can hold more than 4 people (like the black ones in London) so it’s not surprising that the fare amount doesnt different between “small” and “big” groups of people

- a summary of everything would have been nice at the end

- a conclusion that compares the different models and highlights the best would have been helpful