**SCHOOL OF COMPUTING**

**Programming for Data Science**

**Self-Reflection (CA1)**

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| **Instructions:**   1. Submit this at Blackboard “Assignments->CA1->Self-Reflection” folder 2. Name your file “YourModuleClass-YourStudentID-YourName.docx” |

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| **Module Class** | DISM/FT/2B/23 |

# QUESTION 1: CHALLENGES - SELF-REFLECTION FOR CA1

Provide a brief reflection of the challenges you have faced in this assignment.

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| As this was my first time using the MatplotLib library, I was not too familiar with how to use it at first. However, after using the notes as well as documentation from the MatplotLib website, I was able to complete the assignment smoothly.  It was the same as numpy at first, but I slowly got the hang of it. I found numpy to be very convenient when doing analytics, as it allows me to import data from csv files and categorise them easily, helping my workflow.  Another challenge faced was finding appropriate data for the different figures, for example finding data for the scatterplots and histograms, as most of the data on the website provided is not suited for those applications. |

# QUESTION 2: ACHIEVEMENTS - SELF-REFLECTION FOR CA1

Provide a brief reflection of what you think you have personally achieved in this assignment or the knowledge or skills you have found satisfaction in learning / acquiring. Indicate all the online courses you have taken.

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| In this assignment, I honed the skill of analyzing data using python with 2 libraries, specifically Numpy and MatplotLib. Overall, I would say that the assignment went smoothly, and I was able to describe the nature of my figures well, as well as draw conclusions from them. Now, after this assignment, I can say that I am confident in using MatplotLib and Numpy for analytics.  This assignment allowed me to have a taste of how difficult data science and analytics can be in the real world. 1 |

**-- End of Self-Reflection --**