**SCHOOL OF COMPUTING**

**Programming for Data Science**

**Self-Reflection (CA1)**

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| **Instructions:**   1. Submit the reflection as an item of your CA1 submission 2. Name your file “YourModuleClass-YourStudentID-YourName\_reflection.docx” |

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| **Module Class** | EL/EP0302/FT/02 |

# QUESTION 1: CHALLENGES - SELF-REFLECTION FOR CA1

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

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| I encountered numerous problems tackling this assignment, such as the datasets not being in a similar format as others and similar situations. Thus, I made a standardized format with lists and appended all the data to the list where I can retrieve data and plot the graph with no problems.  Theres also the problem of not knowing how to relate the different datasets together to form a insight, thus I made a graph where I combined all of the datasets to create a comparison between the different graphs and found some insightful ideas I could contribute. |

# 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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| Before taking on this assignment, I knew nothing about numpy or matplotlib. The start of this assignment was grueling as I had no idea what to use for which situations. But as I did the graphs, I became for familiarized with each of the different functions and features of both libraries and in the end, I learned how to utilize both libraries better than I did compared to before. For example, in matplotlib, I did not know that there was an option to show grids, but as I combed through tutorials on how to use the library, I came across that very helpful feature, thus adding it to my CA1 making the graphs more readable to whoever needs to read the graph. |

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