**CCT College Dublin**

**Assessment Cover Page**

*To be provided separately as a word doc for students to include with every submission*

|  |  |
| --- | --- |
| **Module Title:** | Programming for DA  Statistics for Data Analytics  Machine Learning for Data Analysis  Data Preparation & Visualisation |
| **Assessment Title:** | Continuous Assessment 2 |
| **Lecturer Name:** | Marina Iantorno/Vladimir Milosavljevic  Muhammad Iqbal  David McQuaid |
| **Student Full Name:** | Henrique Noronha |
| **Student Number:** | Sbs22102 |
| **Assessment Due Date:** | 20th May 2022 |
| **Date of Submission:** |  |

**Declaration**

|  |
| --- |
| By submitting this assessment, I confirm that I have read the CCT policy on Academic Misconduct and understand the implications of submitting work that is not my own or does not appropriately reference material taken from a third party or other source. I declare it to be my own work and that all material from third parties has been appropriately referenced. I further confirm that this work has not previously been submitted for assessment by myself or someone else in CCT College Dublin or any other higher education institution. |

1. **Introduction**

It is widely known that red meat is a rich source of nutrition for all people. It is a commonly sought-after source of protein in supermarkets and is a highly versatile meat for cooking. Figure 1 below shows how, over the last 50 years, global meat production has expanded dramatically, more than quadrupled since 1961 (Ritchie and Roser, 2017).

Chart, line chart

Description automatically generated

Figure 1

1. **Experimental setup**
   1. *Exploratory data analysis and preparation*
   2. Machine learning algorithm selection
   3. Model performance comparison
2. **Conclusion**
3. **References**
4. **Appendix**