

Charles Malon Silva Rocha - 2021376

**Data Exploration and Preparation**

**CA 1**

**Dublin**

**2024**

**CCT College Dublin**

**Assessment Cover Page**

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

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| **Module Title:** | Data Exploration & Preparation |
| **Assessment Title:** | CA 1 |
| **Lecturer's Name:** | Muhammad Iqbal |
| **Student Full Name:** | Charles Malon Silva Rocha |
| **Student Number:** | 2021376 |
| **Assessment Due Date:** | 1st October 2024 |
| **Date of Submission:** | 24th November 2024 |

**<https://github.com/CharlesMalonRocha/Data-Exploration-and-Preparation-CA1>**

**Declaration**

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| 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. |

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# Introduction

# Problem Domain and Dataset Preparation

<https://www.kaggle.com/datasets/whenamancodes/violence-against-women-girls/data>

# Exploratory Data Analysis

# Encoding and PCA

# Poster Presentation

# Video Presentation

# Conclusion

# References