**CCT College Dublin**

**Assessment Cover Page**

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| **Module Title:** | Strategic Thinking/ Higher Diploma Data Analytics for Business |
| **Assessment Title:** | Individual / Practical |
| **Lecturer Name:** | James Garza |
| **Student Full Name:** | Miroslava Slavikova |
| **Student Number:** | sba22382 |
| **Assessment Due Date:** | 15 Dec 2023 |
| **Date of Submission:** |  |

**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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**Type chapter title (level 1)1**

* project management methodology to develop and execute a capstone project.
* You will select a dataset
* conduct exploratory data analysis
* pre-process the data
* implement at least one machine learning algorithm,
* and present your findings effectively through a comprehensive report

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the project plan,

business understanding,

data understanding,

data preparation,

machine learning implementation,

and an artefact of code.

summary of the findings,

conclusions

any future recommendations.

**overview of the project's timeline, milestones achieved, and any challenges faced during the implementation phase, key insights gained from analysing the data and present any significant trends or patterns observed, the report should address any limitations or constraints encountered during the project and propose potential solutions for future improvements.**