National College of Ireland

Configuration Manual

MSc Research Project
Artificial Intelligence

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School of Computing
National College of Ireland

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Project Submission Sheet
School of Computing

Student Name:	Buse Ay
Student ID:	23122633
Programme:	Artificial Intelligence
Year:	2024
Module:	MSc Research Project
Supervisor:	Mayank Jain
Submission Due Date:	12/08/2024
Project Title:	Configuration Manual
Word Count:	239
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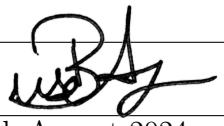
ALL internet material must be referenced in the bibliography section. Students are required to use the Referencing Standard specified in the report template. To use other author's written or electronic work is illegal (plagiarism) and may result in disciplinary action.

Signature:	
Date:	12th August 2024

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For the project Comparative Analysis of Machine Learning and Neural Network Approaches for Exoplanet Identification, Google Colab Enviroment used (Google (2024)). When you open the website, click the 'New Notebook' option, and upload the `exoplanetcode. ipynb`. After that from the left side of the screen open the folder, and upload `exoTrain.csv` and `exoTest.csv`. You can run every cell by clicking `Shift+Enter` from your keyboard or from the top bar of the screen you can select `Run Time` section and click the `Run All`.

The current version of libraries when the experiment is conducted as follows, Python: 3.10 Pandas version: 2.1.4 Numpy version: 1.26.4 Seaborn version: 0.13.1 TensorFlow version: 2.17.0 Scikit-Learn version: 1.3.2 Model name : Intel(R) Xeon(R) CPU @ 2.20GHz MemTotal: 13290452 kB

References

Google (2024). Google colaboratory, `https://colab.google/`. Accessed: 2024-08-12.