

Configuration Manual

MSc Research Project
Data Analytics

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MSc Project Submission Sheet
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Configuration Manual

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1 Configuration Manual Introduction

This manual is used to give information about the all the tools used in the project. The manual contains steps for installation and usage of all the tools. We also have shared the information for the execution of the code and generation of the result.

2 Hardware detail

We are using following system configuration to run the code.

- Operating System: Windows 10
- Processor: Intel core i5 8th Gen
- Drive: 500 GB SSD
- RAM: 8GB

3 Software Detail

We are using following tools:

- Python
- Jupyter Notebook

3.1 Software installation

- Download and install the python 3.8 version
Website: <https://www.python.org/>

3.2 Implementation

We are installing the latest version of the following libraries:

- Pandas
- NumPy
- Matplotlib
- Seaborn
- Datetime
- Math
- Sklearn

4 Post Installation Step

Below are the steps to run the code

1. Download the zip file which contain the code and python file
2. Unzip the file
3. Open the file using Jupyter notebook
4. Install all the libraries from step 3.2 Implementation

5. Make sure the dataset and code in the same folder
6. Run the code step by step

5 Configuration using google colab

Use following steps to run in the google colab:

1. Website : <https://colab.research.google.com/>
2. Create account and open notebook into google colab
3. Upload dataset to google drive
4. Install all the libraries mentioned into step 3.2 implementation
5. Run the code step by step