

Configuration Manual

MSc Research Project
Data Analytics

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MSc Project Submission Sheet
School of Computing



Student Name: Yash Sanjay Palwe
Student ID: X20143869
Programme: MSc Data Analytics **Year:** 2021
Module: Research Project
Lecturer: Dr. Pramod Pathak & Dr. Paul Stynes
Submission Due Date: 16/12/21
Project Title: Hybrid Classifier for Analyzing Customer Satisfaction
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1 Hardware and Software Requirements

The configuration manual presented discusses about the requirements of hardware or software needed for implementation of this research project titled “Hybrid Classifier for Analyzing Customer Satisfaction”

2 System Specification

2.1 Hardware Requirements

The specification of the system in which the work was carried is mentioned below:

RAM : 16 GB
System Memory: 234GB
Processor : Inter Core i7

2.2 Software Requirements

The requirement of software to implement experiments are discussed below:

Software tools : Python 3 Jupyter Notebook, Microsoft Excel, Anaconda
Browser : Google Chrome
Libraries : Matplotlib, Pandas, Numpy, NLTK, AFFIN, TextBlob, VADER, sklearn

3 Implementation steps

1. Open Anaconda
2. Launch Jupyter Notebook
3. Upload the dataset into the Jupyter in a folder
4. In the same folder upload python notebooks named Research project ` - Vader+textblob+affin, Base _Features 1, HybridFeatures_based_classifier1
5. Execute all the steps in the notebooks
6. Make sure that the csv generated during the code block is saved in the same location