

# Configuration Manual

MSc Research Project  
Data Analytics

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**National College of Ireland**  
**MSc Project Submission Sheet**  
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**Programme:** Data Analytics **Year:** 2023-2024.  
**Module:** Msc Research Project  
**Lecturer:** Abid Yaqoob  
**Submission Due Date:** 14/Dec/2023.....  
**Project Title:** Deep Learning based Enhanced Stock Market Trading and Patterns Oriented Improved Stock Selection

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# Configuration Manual

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## 1 Introduction

This guide's purpose is to explain the steps and settings that were used in the current study. The software and hardware setups, as well as the tools used in this project, are all explained in detail in this guide. It also describes how to code and gives directions for using the code.

## 2 System Specifications

### 2.1 Hardware Specifications

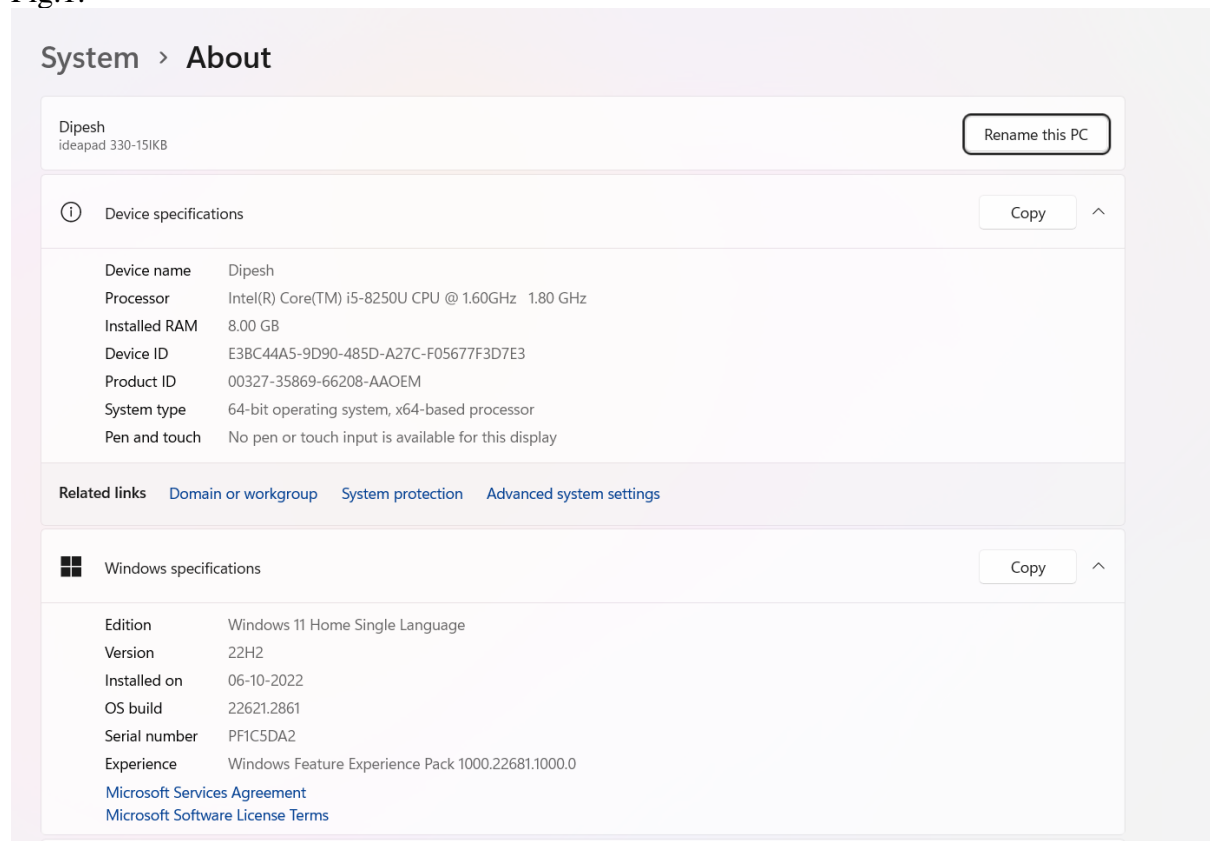
The below table and Fig.1. gives the details of hardware details of the local system used in this project.

Operating system: Windows 11

RAM: 8GB (Minimum 8gb required)

Hard Disk: 1TB

Fig.1.



**Figure 1: Hardware Specifications**

## 2.2 Software Specifications

Google Colab, short for "Colaboratory," is an online platform that offers a cloud-based service for writing and executing Python code Shwn in Fig:2

IDE	Google Colab
Software Language	Pyhton(3.9.13)

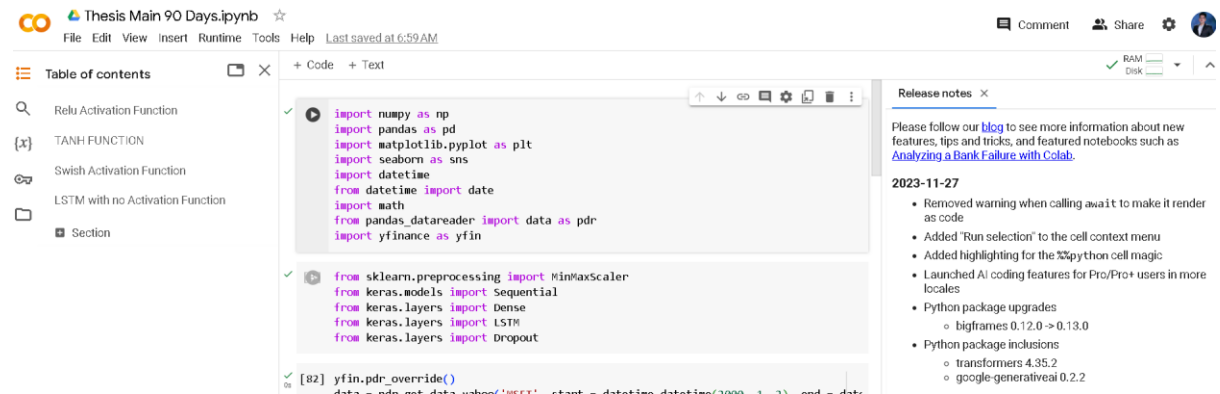


Figure 2: Google Colab

## References