

Configuration Manual

MSc Research Project
AI for Business

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MSc Project Submission Sheet
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Student Name: Linda Amado
Student ID: 22182101
Programme: AI for Business **Year:** 2024
Module: MSc Research Project
Lecturer: Brian Byrne
Submission Due Date: 12/08/2024
Project Title: Utilizing ML Models to forecast sales for a Software Company
Word Count: 388 **Page Count:** 2

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Date: 11/08/2024

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1 Overview

The present document aims to specify the software tools, configurations and environment required to develop the research project: Utilizing Machine Learning Models to forecast sales for a Software Company.

2 Software and Tools

2.1 Google Colab

Name: google-colab

Version: 1.0.0

Summary: Google Colaboratory tools

Home-page: <https://colaboratory.research.google.com/>

Author: Google Colaboratory team

Author-email: colaboratory-team@google.com

License: Apache 2.0

Location: /usr/local/lib/python3.10/dist-packages

Requires: google-auth, ipykernel, ipyparallel, ipython, notebook, pandas, portpicker, requests, tornado

Runtime Type: Python 3

Hardware Accelerator: CPU

2.2 Python:

Python Version: 3.10.12

Pandas version: 2.1.4

XGBoost: 2.1.1

NumPy version: 1.26.4

Seaborn version: 0.13.1

Sklearn version: 1.3.2

3 Hardware

The equipment used for this research is a MacBook Air 2020, equipped with an Apple M1 Chip and 16GB RAM.