

Configuration Manual

MSc Research Project
MSc. Data Analytics

Tejas Mahesh Jadhav
Student ID: x20206861

School of Computing
National College of Ireland

Supervisor: Abdul Razzaq

National College of Ireland
Project Submission Sheet
School of Computing



Student Name:	Tejas Mahesh Jadhav
Student ID:	x20206861
Programme:	MSc. Data Analytics
Year:	2022
Module:	MSc Research Project
Supervisor:	Abdul Razzaq
Submission Due Date:	15/12/2022
Project Title:	Configuration Manual
Word Count:	161
Page Count:	4

I hereby certify that the information contained in this (my submission) is information pertaining to research I conducted for this project. All information other than my own contribution will be fully referenced and listed in the relevant bibliography section at the rear of the project.

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:	15th December 2022

PLEASE READ THE FOLLOWING INSTRUCTIONS AND CHECKLIST:

Attach a completed copy of this sheet to each project (including multiple copies).	<input type="checkbox"/>
Attach a Moodle submission receipt of the online project submission , to each project (including multiple copies).	<input type="checkbox"/>
You must ensure that you retain a HARD COPY of the project , both for your own reference and in case a project is lost or mislaid. It is not sufficient to keep a copy on computer.	<input type="checkbox"/>

Assignments that are submitted to the Programme Coordinator office must be placed into the assignment box located outside the office.

Office Use Only	
Signature:	
Date:	
Penalty Applied (if applicable):	

Configuration Manual

Tejas Mahesh Jadhav
x20206861

1 Prerequisites

In order to run the program files of this study, you should have following things:

- (i). Gmail Account
- (ii). Access to Google Drive.

2 Unzip the file

1. Unzip the rar file as shown in Figure 1.

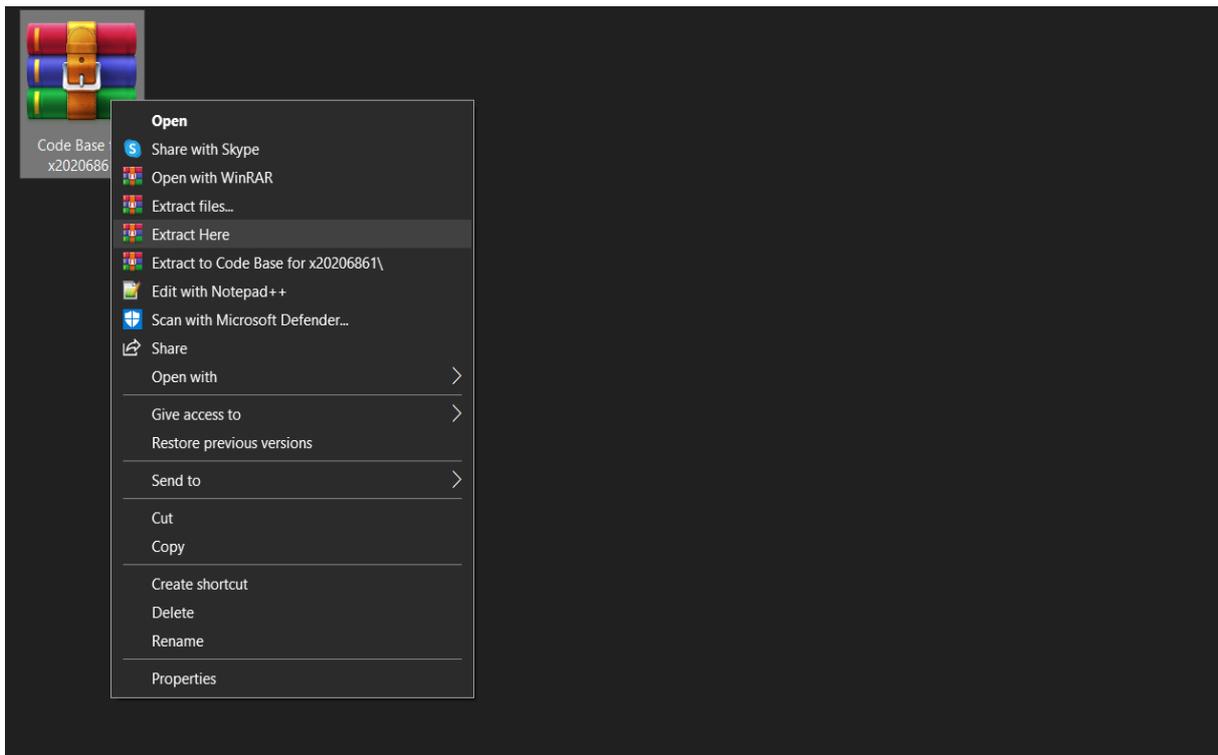


Figure 1: Unzip the rar file

2. The rar file contains three python google colab sheets and three csv files as shown in Figure 2.

 airline	12/15/2022 6:22 AM	Microsoft Excel Co...	11,705 KB
 Investigating Airline Passenger Satisfacti...	12/15/2022 6:22 AM	IPYNB File	1,187 KB
 Investigating Airline Passenger Satisfaction	12/15/2022 6:21 AM	IPYNB File	679 KB
 NN - Twitter Dataset	12/15/2022 6:22 AM	IPYNB File	40 KB
 Samples_1000_for_Sig_Testing	12/15/2022 6:22 AM	Microsoft Excel Co...	58 KB
 Tweets	12/15/2022 6:22 AM	Microsoft Excel Co...	3,342 KB

Figure 2: Project Files

3 Upload all the files to the Google Drive

Open the Google drive, upload the files to the drive as shown in the Figure 3.

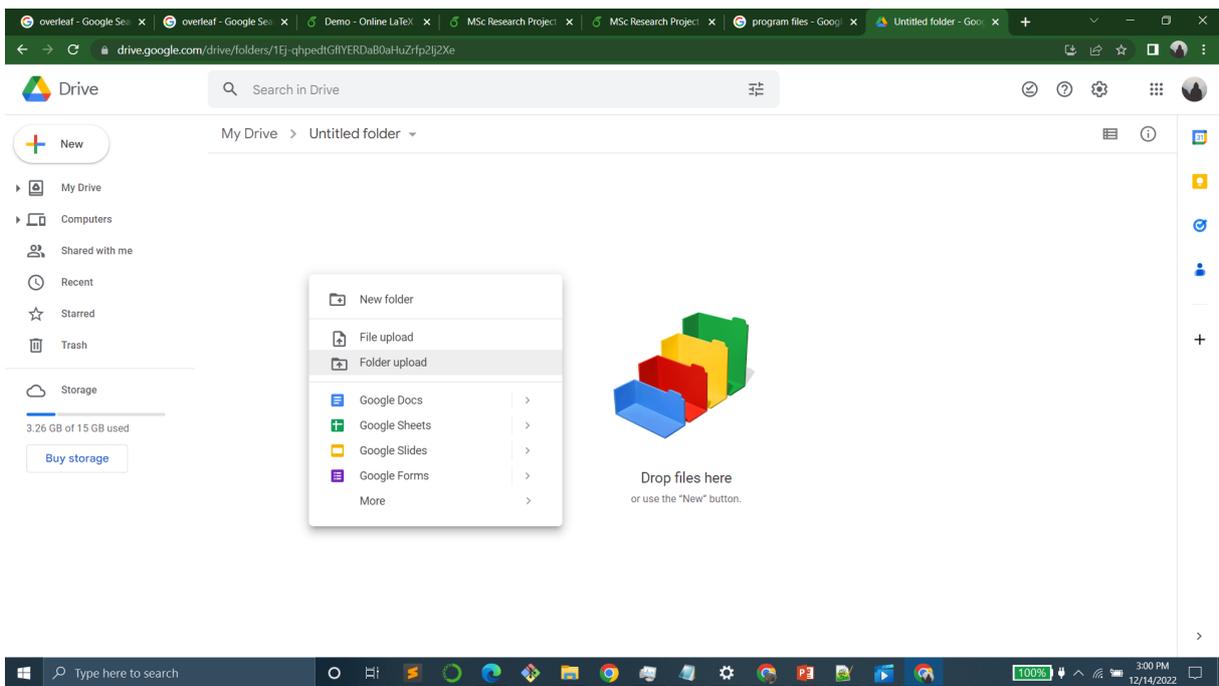


Figure 3: Upload files to Google Drive

4 Mount the Drive on the Google Colab Sheets and Change the path of the data file

1. Run the first cell of the Colab Sheet by clicking on the white run button as shown in Figure 4.
2. Wait for some time and then drive option will occur as shown in Figure 5

```
from google.colab import drive
drive.mount('/content/drive')

Drive already mounted at /content/dri
```

Figure 4: Drive Mount

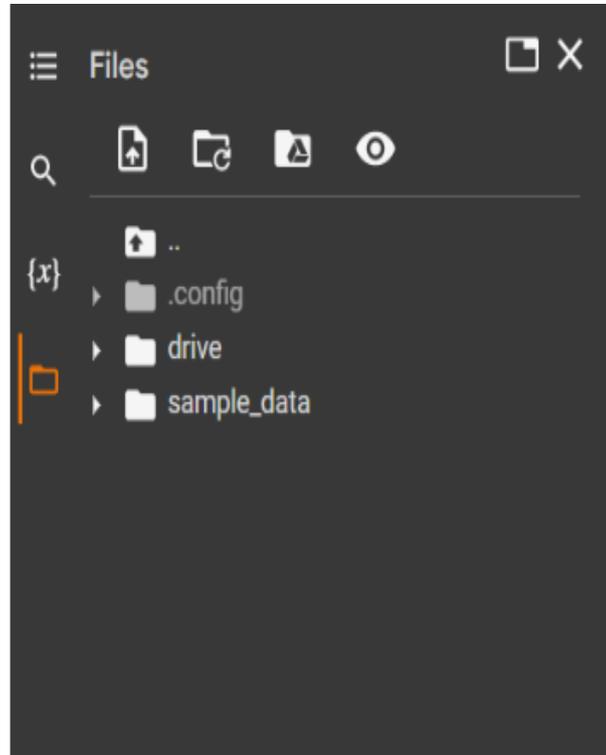


Figure 5: Drive Mount Confirmation

3. Copy the path of the data files from the drive and then paste it at the required cells as shown in Figure 6 and Figure 7

5 Run the Program file

Now you can run the program file cell by cell by clicking on the white run option as shown in the Figure 8

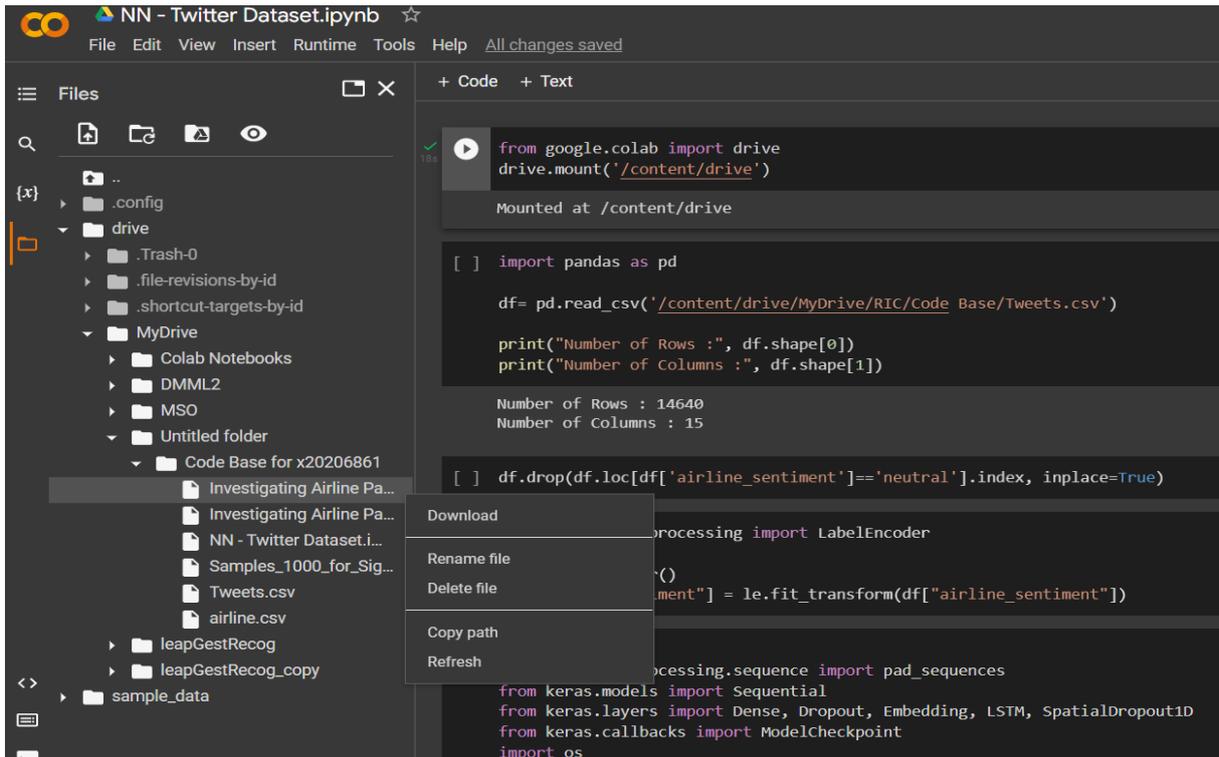


Figure 6: Copying the path of the File

```
import pandas as pd

df= pd.read_csv('/content/drive/MyDrive/RIC/Code Base/Tweets.csv')
```

Figure 7: Pasting the file path

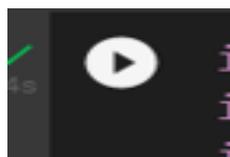


Figure 8: Run Button