

# TECHNICAL GUIDE

## LIBRARIES USED:

1. feedparser
2. torch
3. re
4. schedule
5. time
6. os
7. pandas
8. datetime
9. sklearn
10. transformers
11. tensorflow
12. bs4
13. numpy
14. pickle

These libraries can be installed using `pip install library_name`

Once you have all the required libraries installed, prepare an Excel file (news\_sites.xlsx) with two columns: one for news feed URLs and the other for sources.

Place the created excel file in the same folder where all the other scripts like main.py is stored.

Run the script in the command prompt: `python main.py`

It will load feed URLs, fetch articles, process them, predict categories, group similar articles, paraphrase and summarize titles and descriptions, and generate an HTML file.

The generated HTML file can be displayed on a web page using a web server.