Steps to Run the Script

1. **Ensure Dependencies Are Installed**:

Open a terminal or command prompt.

Run the following command to install the required Python libraries:

```
pip install nltk pandas openpyxl beautifulsoup4 requests textstat
```

   -
2. **Prepare the Input File**:
   - Place the `input.xlsx` file (containing the **URL ID** and **URL** columns) in the same directory as the `.py` script.

Ensure the `input.xlsx` file has the following structure:

```
 URL ID | URL
|--------|----------------------------------------|
| 1      | https://example.com/article1          |
| 2      | https://example.com/article2          |
```

   -
3. **Place Supporting Files**:
   - Ensure `positive-words.txt` and `negative-words.txt` are in the correct directory or adjust their paths in the script.

4. **Run the Script**:
   - Navigate to the directory containing the script and input files using the terminal or command prompt.

Execute the script with the command:
bash
Copy code
```
python text_analysis.py
```

5. **Check the Output File**:
    - By default, the script generates an Excel file named `output.xlsx` in the same directory as the script.

The output file will contain columns ordered as:
Mathematica
```
| URL ID | URL | Positive Score | Negative Score | ... |
```

    -
6. **Verify the Results**:
    - Open the `output.xlsx` file in a spreadsheet application (e.g., Excel) to ensure the results match your expectations.