Required Packages and Versions

To run the bug report classification tool, please ensure the following Python packages are installed:

- numpy==1.24.3

- pandas==2.0.3

- scikit-learn==1.3.0

- nltk==3.9.1

To install them directly, use the following pip command:

pip install numpy==1.24.3 pandas==2.0.3 scikit-learn==1.3.0 nltk==3.9.1

Environment Information:

- Python version: 3.11+

- Operating System: Windows/macOS/Linux (cross-platform)

Note:

- The code also uses standard libraries (`os`, `math`, `re`, `subprocess`) which do not require separate installation.

- Ensure `nltk` has the required corpus downloaded by running the following in Python:

>>> import nltk

>>> nltk.download('stopwords')