

Requirements

The specific environment and dependencies required for this project are listed below:

Python Version

- Python 3.9.12

Python Libraries and Versions

Package	Version
pandas	2.2.3
numpy	1.26.4
datasets	3.4.1
scikit-learn	1.6.1
imbalanced-learn	0.12.4
matplotlib	3.9.2
seaborn	0.13.2
nltk	3.9.1

Quick Installation

Run the following command in the root directory of the project:

```
pip install -r requirements.txt
```