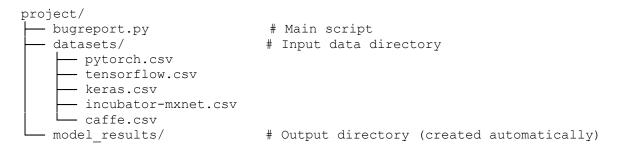
User Manual

Directory Structure



How to run:

To analyze all projects, run:

```
python bugreport.py
```

This script will process all datasets listed in the PROJECTS list within the main () function of bugreport.py.

Customizing the analysis:

To modify which projects are analyzed, edit the PROJECTS list in the main () function:

```
PROJECTS = ['pytorch', 'tensorflow', 'keras', 'incubator-mxnet', 'caffe']
```

Each name should match a corresponding CSV file in the datasets/directory.

Output Files

After execution, the following outputs will be generated under:

```
model results//;
```

- * final comparison.csv: Model performance comparison (Accuracy, Fl, AUC, etc.)
- * confusion matrix.png: Confusion matrix for each model
- *_history.png: Training curves (deep learning models)
- *.h5: Optional saved model weights

Notes:

All experimental result files, including performance summaries, training history plots, and confusion matrices, have been uploaded under the directory $model_results/$ in the GitHub repository for review.