

Tool Manual: Bug Report Classification using Random Forest

1. Prepare your environment

- Install dependencies using pip or conda (see requirements.pdf)

2. Run the Notebook

- Open "radomforest.ipynb" in Jupyter Notebook or Jupyter Lab
- Execute the notebook cell by cell

3. Input Data

- All bug report datasets are stored in the "./dataset/" directory

4. Output

- Results for each project will also be saved as CSV files, automatically named with "_NB.csv" suffix (e.g., "pytorch_NB.csv")