User Manual

Overview

This manual describes how to use two scripts provided for evaluating machine learning models on multiple datasets.

Script 1: experiments.py

It evaluates 6 ML models: Linear Regression, Decision Tree, Random Forest, Gradient Boosting,

SVR, KNN

Uses cross-validation and parameter tuning

Outputs: experiment_results.xlsx

Script 2: RF.py

It re-runs evaluation using only Random Forest (based on previous results)

Outputs: randomforest_results.xlsx

Running the Scripts

Use these commands in the terminal:

python experiments.py

python RF.py