REPLICATION

Overview

This document outlines the steps required to replicate the results generated by the Random Forest performance prediction tool. The script trains and evaluates a Random Forest model on performance datasets from configurable software systems.

Replication Steps

1. Ensure Python 3.9 or higher is installed on your system.

2. Install the required Python packages using pip: pip install pandas scikit-learn numpy

3. Clone or download the repository containing the script and dataset folders.

4. Ensure the datasets folder is located in the same directory as the python file(assignment.py).

5. Run the script using the command: python3 assignment.py

6. Observe the printed metrics