

Manual

This is the repository where the baseline model and the proposed solution are stored. This is for the tool building project, configuration performance learning (lab 2). In this repository you will find the datasets used, the `lab2_solution.py`, and the proposed solution `lab2-v1.py`. Furthermore, you will find the test results outputted to a .txt file, named `output_base.txt` and `output_proposed.txt`. Finally, you can also find the code used for the statistical analysis as well as the code for outputting them for the report.

Once the dependencies have been installed, the program can be executed using one of following commands:

```
python lab2-v1.py
```

```
python3 lab2-v1.py
```

The following variables can be altered to experiment with the code:

```
num_repeats = 5  
train_frac = 0.7  
random_seed = 42
```

The values fixed are in order for the results to be reproduced.