

TTTS - Reproducible Code

This document aims to guide you on how to reproduce the results of the experiment.

Environment

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For setting up the environment, use Anaconda with the following
dependencies:
dependencies:
- python=3.7
- adversarial-robustness-toolbox
```

Repository Files

```
└─ /
└─ /ART-DT-V5.ipynb - Ipython notebook with TTTS definition and running experiments on
Decision trees (including attacks and baseline methods)
└─ /ART-DT-V5-RF.ipynb - Ipython notebook with TTTS definition and running experiments on
Random Forest (including attacks and baseline methods)
    [Experiments]/
    └─ [Experiments] - 50 datasets as CSV files
```

Running experiments

After installing adversarial-robustness-toolbox you just need to run the notebooks with the datasets in the subfolder named "Experiments" as providing.