**Instructions to run the experiments**

This document is prepared to facilitate the reproduction of this study.

**Library and programming environment used.**

1. The experiments have been performed using libraries and packages for the Python programming language.
2. Python 3.8.0 (64-bit) has been used. Any 3.8 or higher Python version can also be used.
3. The following libraries/packages have been used: *OS, numpy, random, sklearn, imblearn, matplotlib, customMLP, statistics, pandas, sys, math, scipy, time, seaborn, label\_binariser.* All these libraries had already imported in the code files. Therefore, they can be directly executed with the code.
4. Initially, in the python environment, we need to install the above listed libraries/packages.
5. The instructions how to install the libraries/packages can be found at [*https://packaging.python.org/en/latest/tutorials/installing-packages/*](https://packaging.python.org/en/latest/tutorials/installing-packages/).

**Detailed steps to run the experiments.**

1. Put all the datasets files on .csv format in the folder Datasets. These files with .csv extension should be in folder 'Datasets' in same directory.

2. Remove the column names (header) from the datasets.

3. Dataset should not contain any attribute names. Last column should have class labels. Label should numeric 0/1. 0 shows non-faulty and 1 shows faulty.

4. All the .py files (Wrapper, Tester, and helper) should be in the same directory.

5. Put the datasets names in the *dataset*\_*name* [] list before running wrapper file.

6. Run the Wrapper.py file. It will call tester.py and helper.py implicitly.

7. After successful execution of wrapper.py file, results will be stored automatically in the results folder with the label of file *name*\_*expert*\_*method*.