

Question (Classification)

Building a Classifier Using Decision Tree to predict the normal and anomaly users.

- **Use scikit-learn 0.24.1 Package to perform the process**
- **Print out the Accuracy and Confusion Matrix of Classification**
- **Document the step by step process and upload with output and Code**

Note: Dataset can be generated or downloaded from the internet. Please specify the source of the dataset in the documentation steps of this program.

METHODOLOGY

- 1. Load Labeled Training Data**
- 2. Load and create Test Data**
- 3. Using Decision Tree Classifier**
- 4. Find the accuracy score and confusion at the end**

Reference:

<https://scikit-learn.org/stable/modules/tree.html>

<https://machinelearningmastery.com/implement-decision-tree-algorithm-scratch-python/>

<https://www.kaggle.com/hassan06/nslkdd>