

# **REPORT**

## **Lab9.Employee Hopping Prediction using Random Forests**

In this lab we have learned how to build a classification model to predict whether employee will continue to work or quit his job in the company using Random Forest Classifier.

Import data then perform pre-processing and data cleaning then perform one hot encoding on categorical columns then create RandomForestClassifier and perform training, testing, accuracy score and classification report.

Understanding feature\_importances by using the property, rf.feature\_importances\_ then compare random forest model with decision tree model also visualize using graphviz