ITD105
Finalizing the Better/Best Model

Group members:
1. _____
2. _____
3. _____

I   For Classification

Dataset name: _____

Independent variables (Features): _____

Dependent variable (Output): _____

Evaluate ML performance using Logistic Regression, Naïve Bayes Theorem, Support Vector Machine – Classification, ANN MLP, Ensembles (Voting, Bagging, Boosting). Identify the model that yields better performance. Discuss.

Note: You may use same/different resampling techniques. However, comparable/similar performance must be used.

II   For Regression

Dataset name: _____

Independent variables (Features): _____

Dependent variable (Output): _____

Evaluate ML performance using Linear Regression, Support Vector Machine – Regression, Ensembles (Voting, Bagging, Boosting). Identify the model that yields better performance. Discuss.

Note: You may use same/different resampling techniques. However, comparable/similar performance must be used.