

## Naive Bayes Classifiers

- Preprocessing
  - For preprocessing, we used the LabelEncoder from sklearn.preprocessing to convert the ordinal labels into numerical values, with the fit and transform function.
- Hyperparameters set during model construction
  - The hyperparameter we set was random\_state=0
- Classification accuracy on the test data
  - 79.85%

## Decision Trees

- Preprocessing
  - For preprocessing, we used the LabelEncoder from sklearn.preprocessing to convert the ordinal labels into numerical values, with the fit and transform function.
- Hyperparameters set during model construction
  - The hyperparameter we set was random\_state=0
- Classification accuracy on the test data
  - 83.32%

## Random Forest

- Preprocessing
  - For preprocessing, we used the LabelEncoder from sklearn.preprocessing to convert the ordinal labels into numerical values, with the fit and transform function.
- Hyperparameters set during model construction
  - The hyperparameter we set was random\_state=0
- Classification accuracy on the test data
  - 84.88%