

Dry_beans Classification Baseline model

Features - The most predictive features were chosen for the model: 'Area', 'Perimeter', 'MajorAxisLength', 'MinorAxisLength', 'ConvexArea', 'EquivDiameter', 'AspectRatio', 'Eccentric Convex Area', 'Extent', 'Compactness', 'ShapeFactor1', 'ShapeFactor2', 'ShapeFactor3'

Model - KNN model was used as a baseline model

Accuracy score: 72.24%

Precision score: 0.7339

Recall score: 0.7197

*Further feature engineering and other models will be used to find a better accuracy

