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ICP 4

The Complement Naïve Bayes algorithm performed the best of all the naïve bayes algorithms at about 40% compared to the 36% or less of the others.

The Linear SVC performed better than any Naïve Bayes at about 51% accuracy. This could be because of the ability of SVM to perform dimensionality reduction due to the 6 variables in the data.

A chart of a number of colored squares

Description automatically generated with medium confidence

A pie chart with a number of different colored circles

Description automatically generated with medium confidence

A pie chart with numbers and a few different colored circles

Description automatically generated with medium confidence

A chart of different colored squares

Description automatically generated

A pie chart with numbers and a few different colored circles

Description automatically generated

A pie chart with different colored sections

Description automatically generated