Graphical user interface, application

Description automatically generated

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Graphical user interface, application

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Graphical user interface, application

Description automatically generated

Graphical user interface, text, application, email

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Graphical user interface, text, application, email

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Graphical user interface, application

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Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

A picture containing graphical user interface

Description automatically generated

selection using correlation:

High correlation features are more linearly dependant and hence virtually equally affect the dependent variable. We can therefore omit one of the two features when there is a substantial correlation between two features.

selection using information gain:

By assessing each variable's gain in relation to the target variable, information gain can also be utilized for feature selection. The calculation is referred to as mutual information between the two random variables in this slightly different usage.

selection by WrapperSubsetEval:

applies a learning strategy to the evaluation of attribute sets. Cross validation is used to calculate the learning scheme's accuracy for a given collection of qualities.

Therefor as conclusion of using all the selection techniques, the fields that we got from the feature selection techniques are considered to be the best for prediction of diabetes in patients