ARTICLE

PREDICTION OF DIABETES USING MACHINE LEARNING MODELS

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Diabetes is the leading causes of blindness, stroke, kidney and heart failure. It's necessary to find the cause of disease and certain preventive measures can be taken in advance so that the concentration of disease may be minimized quickly. Machine learning models such as Random Forest, Decision tree, Naïve Bayes, LR, SVM, KNN Classifier, Gradient Boosting with hypermeters have been used. The selection of particular model has been made based on accuracy and Precision, Re-call, F1-Score, support have also been calculated.