DATA MINING PROJECT

Project Name: Diabetes prediction using K nearest neighbour

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Abstract : In Diabetes, body does not properly use the insulin hormone. There are so many computerized methods for the diagnosis of Diabetes but the main drawback of these methods is that the patient has to undergo several medical tests which are very costly and time consuming.so the main objective is to predict and diagnose various diseases. These algorithms would be cost-effective and time saving for diabetic patients and doctors. So first we test the data for diabetes and then later use it for various diseases.

Step 1: we import the data and then we split the data into test and training sets.

Step 2: then we predict the patient is diabetic or not using the test and training sets. We examine this algorithm using large data.

Step3 : finally we examine the errors. Then we train and test the dataset accordingly.

output : we try to predict whether the considered data or person is diabetic or not, and also try to extend this to other diseases.

Dataset: we have selected the data set from Kaggle.

THANKYOU
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