PROJECT REPORT ON

**DIABETES PREDICTION USING**

**SUPPORT VECTOR MACHINE**

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**ABSTRACT**

“Diabetes prediction using support vector machine” is the implementation of algorithm support vector machine to correctly detect if a patient has diabetes or not. We used python to implement the system using Google colabs as the IDE. By using python libraries like Numpy and Pandas we worked with the dataset and array of dataset provided. It can predict if a person has diabetes or not by using medical profiles such as Pregnancies, Glucose, Skin thickness, Age, Insulin , BMI and Blood Pressure .

**Keywords:** Support Vector Machine, Pandas, Numpy, Prediction System.

TABLE OF CONTENT

**References**

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