

Project Proposal

Diabetes predictions

The Problem:

Diabetes is a disease triggered due to the high level of sugar within the human blood. This type of disease could be chronic that happens when the patient's body isn't ready to prepare proper insulin level, or also when the body hasn't utilized it. there are some important risk factors for diabetes like blood pressure (high), cholesterol (high), smoking, obesity, age, diet, exercise, alcohol consumption, and many other factors.

The Solution:

In this project, we will use ML - Classification models to help illustrate predictions of future diabetes cases and what is the possibility of having it according to the data been collected.

Datasets:

We will be using

“diabetes_binary_health_indicators_BRFSS2015.csv” data set that contains 22 columns and 25.3K Rows

Tools:

- Jupyter notebook
 - Programming Language: Python
 - Libraries: Numpy, Pandas, Matplotlib, ..
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