**Building a model to predict Diabetes**

**Problem:**

The given dataset lists the glucose level readings of several pregnant women taken either during a survey examination or routine medical care. It specifies if the 2-hour post-load plasma glucose was at least 200 mg/dl. Analyze the dataset to:

* Find the features of the dataset,
* Find the response label of the dataset,
* Create a model to predict the diabetes outcome,
* Use training and testing datasets to train the model, and
* Check the accuracy of the model.

**Result:**

The required program was written. The features used are identified as “Pregnant", "Glucose", "BP", "Skin", "Insulin", "BMI", "Pedigree", "Age", "Label". A model is created to predict the out come and the model is trained and tested by splitting the given dataset. Accuracy score is calculated as 0.6927083333333334…