**Diabetes Predication Project | HealthCare Domain**

**Pima Indians Diabetes Database**

The datasets consist of several medical predictor (independent) variables and one target (dependent) variable, **Outcome**. Independent variables include the number of pregnancies the patient has had, their BMI, insulin level, age, and so on.

Columns

1. Pregnancies : Number of times pregnant
2. Glucose : Plasma glucose concentration a 2 hours in an oral glucose tolerance test
3. BloodPressure :Diastolic blood pressure (mm Hg)
4. SkinThickness :Triceps skin fold thickness (mm)
5. Insulin :2-Hour serum insulin (mu U/ml)
6. BMI :Body mass index (weight in kg/(height in m)^2)
7. DiabetesPedigreeFunction :Diabetes pedigree function
8. Age :Age (years)
9. Outcome: Class variable (0 or 1) (0 is no diabetes expected, and 1 is expected diabetes)

Dataset Download Link :

[**https://www.kaggle.com/uciml/pima-indians-diabetes-database/version/1**](https://www.kaggle.com/uciml/pima-indians-diabetes-database/version/1)

<http://gddatalabs.com/Tests/pima-indians-diabetes-database.zip>

## Task:

## Predict BMI values based on BloodPressure & Glucose Value [Linear]

## Predict the onset of diabetes based on diagnostic measures [Logistic]

1. Which one of columns is impacting most in getting diagnostic result as 1 (diabetes positive)