

# Assignment-5

## Level: Novice

### Diabetes DETECTION:

#### Dataset Description

In this problem you are given a Diabetes Data set consisting of following features -

```
['Pregnancies', 'Glucose', 'BloodPressure', 'SkinThickness', 'Insulin',  
'BMI', 'DiabetesPedigreeFunction', 'Age', 'Outcome']
```

and your task is to predict whether a person is suffering from diabetes or not (Binary Classification)

#### Tasks

- 1) Perform necessary data visualization and preprocessing.
- 2) Classification Task, classify a person as 0 or 1 (Diabetic or Not) using K-Nearest Neighbors classifier/Logistic regression.

Upload your model, training set etc. on your github profile.