

Assignment -Logistic regression

Using ML model predict whether a person has diabetes or not, based on information about the patient such as blood pressure, body mass index (BMI), age, etc.

Data Dictionary : column name : column description

- Pregnancies: Number of times pregnant
- Glucose: Plasma glucose concentration over 2 hours in an oral glucose tolerance test
- BloodPressure: Diastolic blood pressure (mm Hg)
- SkinThickness: Triceps skin fold thickness (mm)
- Insulin: 2-Hour serum insulin (mu U/ml)
- BMI: Body mass index (weight in kg/(height in m)²)
- DiabetesPedigreeFunction: Diabetes pedigree function (a function which scores likelihood of diabetes based on family history)
- Age: Age (years)
- Outcome: Class variable (0 if non-diabetic, 1 if diabetic)