

```
Dataset :
    Diabetes

Size :
    (768, 9) ( 768 (rows) ) , ( 9 (columns) )

Name_Cols :
    (['Pregnancies', 'Glucose', 'BloodPressure', 'SkinThickness',
    'Insulin',
    'BMI', 'DiabetesPedigreeFunction', 'Age', 'Outcome'],
    dtype='object')

Features :
    ( 9 features )

names_features :
    (['Pregnancies', 'Glucose', 'BloodPressure',
    'SkinThickness', 'Insulin',
    'BMI', 'DiabetesPedigreeFunction', 'Age'],
    dtype='object')

Output :
    ( 1 label )

name_label :
    (['Outcome'],
    dtype='object')

Target :
    The target (Outcome) has 2 classes.

    (0 is for no diabetes , 1 is for prediabetes or
diabetes)

Models :
    (Classification)

    1. (LogisticRegression)
        precision_score : 0.7987012987012987
        recall_score : 0.7987012987012987
        f1_score : 0.7987012987012987

    2. (SVC)
        precision_score : 0.7987012987012987
        recall_score : 0.7987012987012987
        f1_score : 0.7987012987012987

    3. (BernoulliNB)
        precision_score : 0.7792207792207793
        recall_score : 0.7792207792207793
        f1_score : 0.7792207792207793
```

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4. (DecisionTreeClassifier)
    precision_score : 0.7532467532467533
    recall_score : 0.7532467532467533
    f1_score : 0.7532467532467532
```