

```
import pandas as pd

df = pd.read_csv('https://github.com/YBI-Foundation/Dataset/raw/main/Diabetes.csv')

df.head()

df.info()

df.describe()

df.columns

Index(['pregnancies', 'glucose', 'diastolic', 'triceps', 'insulin', 'bmi',
      'dpf', 'age', 'diabetes'],
      dtype='object')

y = df['diabetes']

X = df[['pregnancies', 'glucose', 'diastolic', 'triceps', 'insulin', 'bmi',
      'dpf', 'age']]

from sklearn.neighbors import KNeighborsClassifier

model = KNeighborsClassifier()

model.fit(X,y)



▾ KNeighborsClassifier
    KNeighborsClassifier()



ypred = model.predict(X)

from sklearn.metrics import classification_report
print(classification_report(y,ypred))
```

	precision	recall	f1-score	support
0	0.83	0.88	0.85	500
1	0.75	0.65	0.70	268
accuracy			0.80	768
macro avg	0.79	0.77	0.78	768
weighted avg	0.80	0.80	0.80	768

[Colab paid products](#) - [Cancel contracts here](#)

✓ 0s completed at 10:02 PM

