

```

from google.colab import drive
drive.mount('/content/drive')

Mounted at /content/drive

import numpy as np
import pandas as pd
from sklearn.model_selection import train_test_split
from sklearn.linear_model import LogisticRegression

# Read the text file
data = pd.read_csv('/content/drive/MyDrive/ML/studentData.txt', sep=',', header=None)

# Add column headers
data.columns = [ 'marks1', 'marks2', 'result' ]

# Save the data to a CSV file
data.to_csv('/content/drive/MyDrive/ML/studentdata.csv', index=False)

df = pd.read_csv('/content/drive/MyDrive/ML/studentdata.csv')

# Split the dataset into a training set and a testing set
X_train, X_test, y_train, y_test = train_test_split(df[['marks1', 'marks2']], df['result'], test_size=0.2, random_state=0)

# Train the logistic regression model
model = LogisticRegression()
model.fit(X_train, y_train)



LogisticRegression
    LogisticRegression()



# Predict the admission status of a student based on their scores this year
m1 = int(input("Enter Marks for Exam 1: "))
m2 = int(input("Enter Marks for Exam 2: "))
student_scores = [[m1,m2]]
admission_status = model.predict(student_scores)

Enter Marks for Exam 1: 87
Enter Marks for Exam 2: 78
/usr/local/lib/python3.10/dist-packages/sklearn/base.py:439: UserWarning: X does not have valid feature names, but LogisticRegression w
warnings.warn(

if admission_status == 1:
    print("The student is likely to get admitted to the University.")
else:
    print("The student is unlikely to get admitted to the University.")

    The student is likely to get admitted to the University.

```