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from collections import UserList
import pandas as pd
import numpy as np
from sklearn import metrics
from sklearn.ensemble import RandomForestClassifier as clf
from sklearn.model_selection import train_test_split
from sklearn import feature_extraction

def getResult(url):
  data= np.loadtxt("dataset.csv", delimiter = "")
  X = data.iloc[:, :-1]
  y = data.iloc[:, -1]
  Xtrain, Xtest, ytrain, ytest = train_test_split(X, y, random_state=0)
  Xtrain,Xtest,ytrain,ytest = train_test_split(X, y, test_size = 0.2)
  clf()
  clf.fit(Xtrain, ytrain)
  score= clf.score(Xtest, ytest)
print("score: 100")
X_new = []
url=input("Url")
X_new-feature_extraction.generate_data_set(url)
X_new-np.array(X_new).reshape(1,-1)
try:
 prediction = clf.predict(X_new)
 if prediction -1:
   print("Phishing Url")
 else:
   print("Legitimate Url")
except:
   print("Phishing Url")
```

```
...  score: 100
     Url
```