from sklearn import preprocessing

le = preprocessing.LabelEncoder()

le.fit(["paris", "paris", "tokyo", "amsterdam"])

k=le.transform(["tokyo", "tokyo", "paris"])

print(k)

import pandas as pd

data=pd.read\_csv("train.csv",delimiter="\t")

from sklearn.preprocessing import LabelEncoder

le=LabelEncoder()

for col in data.columns.values:

if data[col].dtypes=='object':

le.fit(data[col].values)

data[col]=le.transform(data[col])

print(data)

from sklearn import preprocessing

enc = preprocessing.OneHotEncoder()

X=[[0, 0, 3], [1, 1, 0], [0, 2, 1], [1, 0, 2]]

enc.fit(X)

Y=enc.transform(X)

print(Y.toarray())

import pandas as pd

from sklearn import preprocessing

le=preprocessing.LabelEncoder()

data=pd.read\_csv('banking.csv', delimiter=',')

d=data.as\_matrix()

X=d[:,1]

le.fit(X)

k=le.transform(X)

print(k[0:20])

print(X[0:20])

enc =preprocessing.OneHotEncoder()

k=k.reshape(-1,1)

enc.fit(k)

p=enc.transform(k[0:20])

print(p[0:20])

from sklearn import datasets

from sklearn.metrics import confusion\_matrix

iris = datasets.load\_iris()

from sklearn.naive\_bayes import GaussianNB

gnb = GaussianNB()

y\_pred = gnb.fit(iris.data, iris.target).predict(iris.data)

print(confusion\_matrix(iris.target,y\_pred))