**One hot encoding**

To convert text-based values into numeric values we need one hot encoding, which transforms values into binary form, represented as ‘1’ or ‘0’. ‘0’ means the value does not belong to a particular feature and ‘1’ means the value belongs to a particular feature.

import pandas as pd

df = pd.read\_csv("team.csv")

df

from sklearn.preprocessing import LabelEncoder

le = LabelEncoder()

dfle = df

dfle.TEAM = le.fit\_transform(dfle.TEAM)

dfle

from sklearn.preprocessing import OneHotEncoder

import numpy as np

import pandas as pd

# creating one hot encoder object

enc = OneHotEncoder()

enc\_df = pd.DataFrame(enc.fit\_transform(dfle[['TEAM']]).toarray())

enc\_df

abc = dfle.join(enc\_df)

abc

final = abc.drop(['TEAM'], axis='columns')

final