In [1]:
```
import pandas as pd
df = pd.read_csv("team.csv")
df
```

Out[1]:

	TEAM	YEAR
0	A	2000
1	B	2002
2	C	2003
3	D	2004
4	A	2005
5	C	2006
6	B	2007
7	A	2008
8	D	2009

In [2]:
```
from sklearn.preprocessing import LabelEncoder
le = LabelEncoder()
dfle = df
dfle.TEAM = le.fit_transform(dfle.TEAM)
dfle
```

Out[2]:

	TEAM	YEAR
0	0	2000
1	1	2002
2	2	2003
3	3	2004
4	0	2005
5	2	2006
6	1	2007
7	0	2008
8	3	2009

In [3]:
```
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
```

Out[3]:

	0	1	2	3
0	1.0	0.0	0.0	0.0
1	0.0	1.0	0.0	0.0
2	0.0	0.0	1.0	0.0
3	0.0	0.0	0.0	1.0
4	1.0	0.0	0.0	0.0
5	0.0	0.0	1.0	0.0
6	0.0	1.0	0.0	0.0
7	1.0	0.0	0.0	0.0
8	0.0	0.0	0.0	1.0

In [4]:
```
abc = dfle.join(enc_df)
abc
```

Out[4]:

	TEAM	YEAR	0	1	2	3
0	0	2000	1.0	0.0	0.0	0.0
1	1	2002	0.0	1.0	0.0	0.0
2	2	2003	0.0	0.0	1.0	0.0
3	3	2004	0.0	0.0	0.0	1.0
4	0	2005	1.0	0.0	0.0	0.0
5	2	2006	0.0	0.0	1.0	0.0
6	1	2007	0.0	1.0	0.0	0.0
7	0	2008	1.0	0.0	0.0	0.0
8	3	2009	0.0	0.0	0.0	1.0

In [5]:
```
final = abc.drop(['TEAM'], axis='columns')
final
```

Out[5]:

	YEAR	0	1	2	3
0	2000	1.0	0.0	0.0	0.0
1	2002	0.0	1.0	0.0	0.0
2	2003	0.0	0.0	1.0	0.0
3	2004	0.0	0.0	0.0	1.0
4	2005	1.0	0.0	0.0	0.0
5	2006	0.0	0.0	1.0	0.0
6	2007	0.0	1.0	0.0	0.0
7	2008	1.0	0.0	0.0	0.0
8	2009	0.0	0.0	0.0	1.0

In [ ]:
```

```