```python
import numpy as np
import pandas as pd
```

```python
dataset = pd.read_csv("Data.csv")
dataset.describe()
```

	Age	Salary
count	16.000000	16.000000
mean	38.562500	62562.500000
std	8.057864	13691.694563
min	25.000000	40000.000000
25%	33.750000	53500.000000
50%	39.000000	60500.000000
75%	43.250000	70500.000000
max	52.000000	90000.000000

```python
dataset.isnull().sum()
```

```
Country      0
Age          3
Salary       3
Purchased    0
dtype: int64
```

```python
dataset = pd.get_dummies(dataset,columns=["Country"],prefix='',prefix_sep='',dtype=int)
dataset = pd.get_dummies(dataset,columns=["Purchased"],prefix='',prefix_sep='',dtype=int)
dataset
```

	Age	Salary	China	India	Indonesia	Thailand	No	Yes
0	44.0	72000.0	0	1	0	0	1	0
1	27.0	48000.0	0	0	0	1	0	1
2	30.0	54000.0	0	0	1	0	1	0
3	38.0	61000.0	1	0	0	0	1	0
4	40.0	NaN	0	1	0	0	0	1
5	35.0	58000.0	1	0	0	0	0	1
6	NaN	52000.0	0	0	0	1	1	0
7	48.0	79000.0	0	1	0	0	0	1
8	50.0	83000.0	0	0	1	0	1	0
9	37.0	67000.0	0	0	0	1	0	1
10	25.0	NaN	0	1	0	0	1	0
11	36.0	60000.0	0	0	0	1	1	0
12	42.0	64000.0	0	0	1	0	0	1
13	NaN	40000.0	0	1	0	0	0	1
14	52.0	90000.0	0	0	0	1	0	1
15	NaN	55000.0	0	0	1	0	1	0
16	41.0	NaN	1	0	0	0	0	1
17	29.0	48000.0	0	1	0	0	1	0
18	43.0	70000.0	1	0	0	0	0	1

```python
col_means = dataset.mean()
dataset =dataset.replace(to_replace=np.nan,value=col_means)
```

```python
dataset.isnull().sum()
```

```
Age          0
Salary       0
China        0
India        0
Indonesia    0
Thailand     0
No           0
Yes          0
dtype: int64
```

```python
from sklearn.preprocessing import MinMaxScaler
scaler = MinMaxScaler()
dataset.iloc[:,:2] = scaler.fit_transform(dataset.iloc[:,:2])
dataset
```

	Age	Salary	China	India	Indonesia	Thailand	No	Yes
0	0.703704	0.64000	0	1	0	0	1	0
1	0.074074	0.16000	0	0	0	1	0	1
2	0.185185	0.28000	0	0	1	0	1	0
3	0.481481	0.42000	1	0	0	0	1	0
4	0.555556	0.45125	0	1	0	0	0	1
5	0.370370	0.36000	1	0	0	0	0	1
6	0.502315	0.24000	0	0	0	1	1	0
7	0.851852	0.78000	0	1	0	0	0	1
8	0.925926	0.86000	0	0	1	0	1	0
9	0.444444	0.54000	0	0	0	1	0	1
10	0.000000	0.45125	0	1	0	0	1	0
11	0.407407	0.40000	0	0	0	1	1	0
12	0.629630	0.48000	0	0	1	0	0	1
13	0.502315	0.00000	0	1	0	0	0	1
14	1.000000	1.00000	0	0	0	1	0	1
15	0.502315	0.30000	0	0	1	0	1	0
16	0.592593	0.45125	1	0	0	0	0	1
17	0.148148	0.16000	0	1	0	0	1	0
18	0.666667	0.60000	1	0	0	0	0	1