```python
import numpy as np

import matplotlib.pyplot as plt

import pandas as pd

dataset=pd.read_csv(r"C:\Users\Admin\Downloads\Data (1).csv")

dataset
```

```
        State   Age    Salary Purchased
0      Mumbai  44.0  72000.0        No
1   Bangalore  27.0  48000.0       Yes
2   Hyderabad  30.0  54000.0        No
3   Bangalore  38.0  61000.0        No
4   Hyderabad  40.0      NaN       Yes
5      Mumbai  35.0  58000.0       Yes
6   Bangalore   NaN  52000.0        No
7      Mumbai  48.0  79000.0       Yes
8   Hyderabad  50.0  83000.0        No
9      Mumbai  37.0  67000.0       Yes
```

```python
X=dataset.iloc[:, :-1].values

Y=dataset.iloc[:, 3].values

from sklearn.impute import SimpleImputer
imputer=SimpleImputer(strategy='median')

imputer = imputer.fit(X[:,1:3])
X[:, 1:3]=imputer.transform(X[:,1:3])
```