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#converting categorical values to numeric

import pandas as pd

from sklearn.preprocessing import LabelEncoder

labelencoder=LabelEncoder()

df=pd.read_csv('D:\data.csv')

print(df.head(8))

df['city']=labelencoder.fit_transform(df['city'])

print(df.head(8))
```

Output

```
sno Temperature Pressure city
0 3 40 0.0060 kolhapur
1 6 100 0.2700 latur
2 1 0 0.0002 mumbai
3 7 49 0.3000 nagpur
4 5 80 0.0900 nashik
5 2 20 0.0012 pune
6 4 60 0.0300 solapur
```

```
sno Temperature Pressure city
0 3 40 0.0060 0
1 6 100 0.2700 1
2 1 0 0.0002 2
3 7 49 0.3000 3
4 5 80 0.0900 4
```

5	2	20	0.0012	5
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6	4	60	0.0300	6
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