```
2
r2 accuracy:- 0.7824010540686058
3
r2 accuracy:- 0.790009927387725
4
r2 accuracy:- 0.8276033288127226
5
r2 accuracy:- 0.8063247664253626
6
r2 accuracy:- 0.8586641054641759
7
r2 accuracy:- 0.8521903010714981
8
r2 accuracy:- 0.8309774451188848
9
r2 accuracy:- 0.823363291419499
10
r2 accuracy:- 0.8557802107751942
11
r2 accuracy:- 0.8478836485969878
12
r2 accuracy:- 0.8524803275953195
13
r2 accuracy:- 0.8538982079360384
14
r2 accuracy:- 0.8434888839806174
15
r2 accuracy:- 0.8434888839806174
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r2 accuracy:- 0.8434888839806174
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r2 accuracy:- 0.8434888839806174
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r2 accuracy:- 0.8434888839806174
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r2 accuracy:- 0.8434888839806174
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41
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43
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44
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45
r2 accuracy:- 0.8434888839806174
46
r2 accuracy:- 0.8434888839806174
47
r2 accuracy:- 0.8434888839806174
48
r2 accuracy:- 0.8434888839806174
49
r2 accuracy:- 0.8434888839806174
```

Evaluation of model

In [152...

```python
from sklearn.metrics import mean_absolute_error as mae,mean_squared_error as mse, r2_score as r2
print("mae :-",mae(ytest,ypred))
print("mse :-",mse(ytest,ypred))
print("rmse :-",np.sqrt(mse(ytest,ypred)))
print("r2 accuracy:-",r2(ytest,ypred))
```

```
mae :- 1864.0571025020176
mse :- 11618849.793288074
rmse :- 3408.64339485492
r2 accuracy:- 0.8586641054641759
```