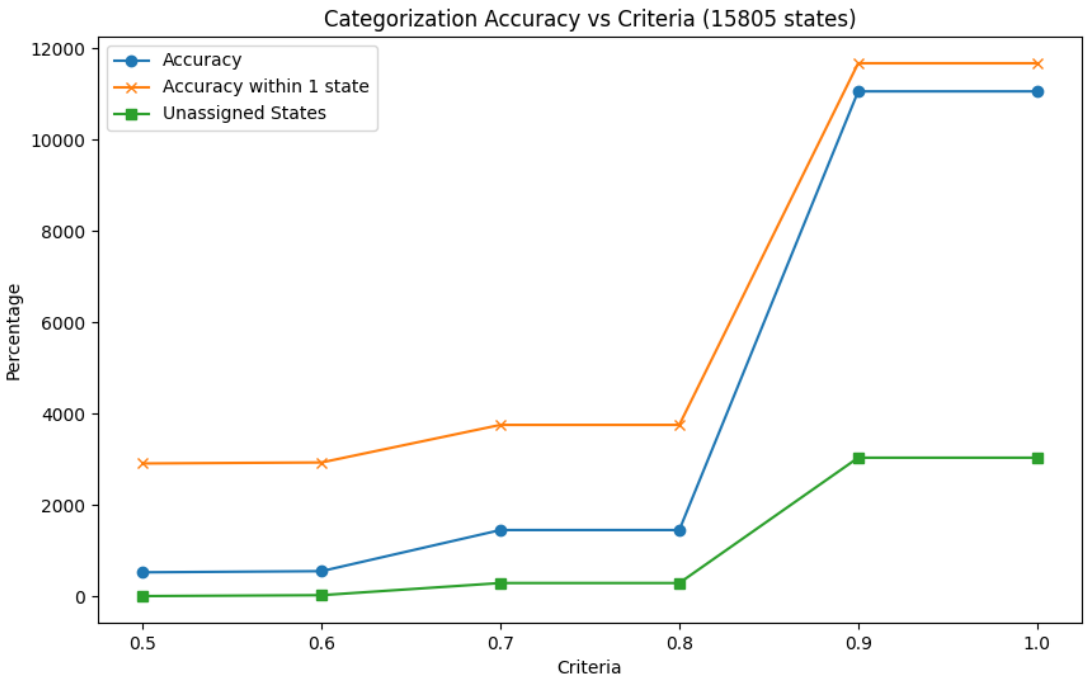
Checking the features:

```
MSE: 3.0550680492414715e+26
```

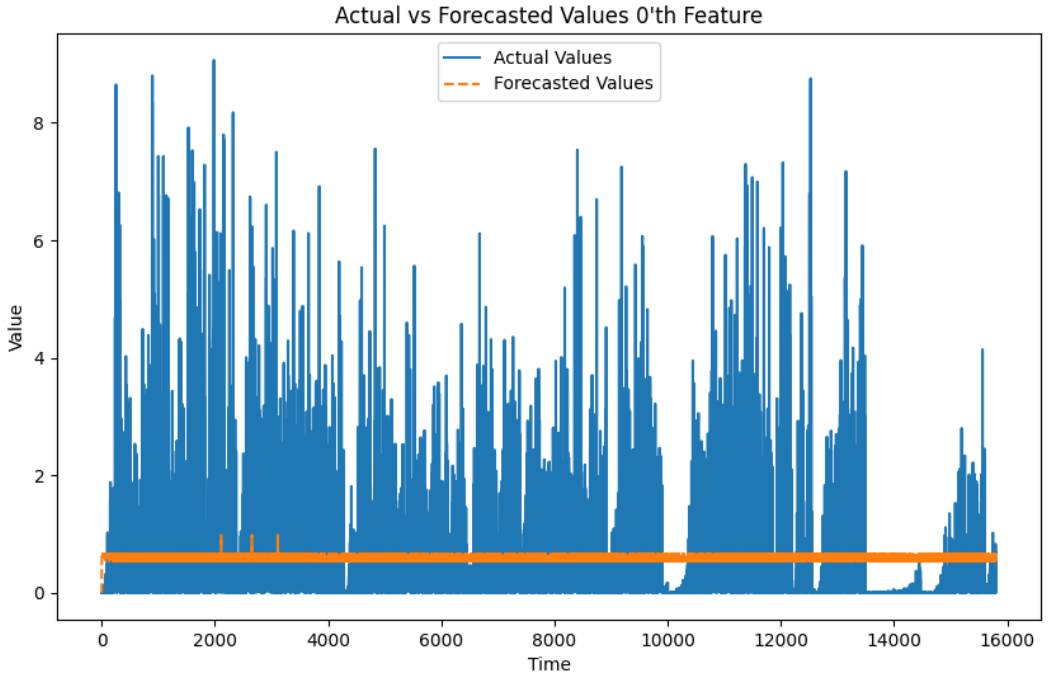
The matches were doing by categorizing the states based on the $\bar{x} \pm 2 \cdot sd(x)$ for each feature
The ideal accuracy is by setting thresholds with higher sd and allowing it to meet higher criteria (ideally all)

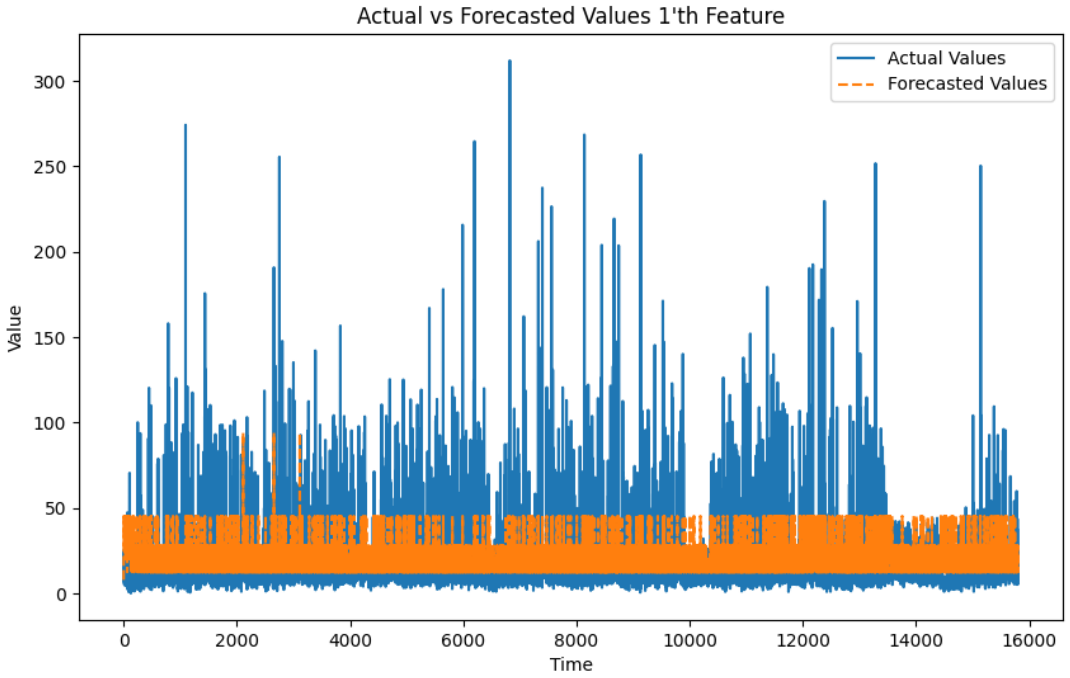


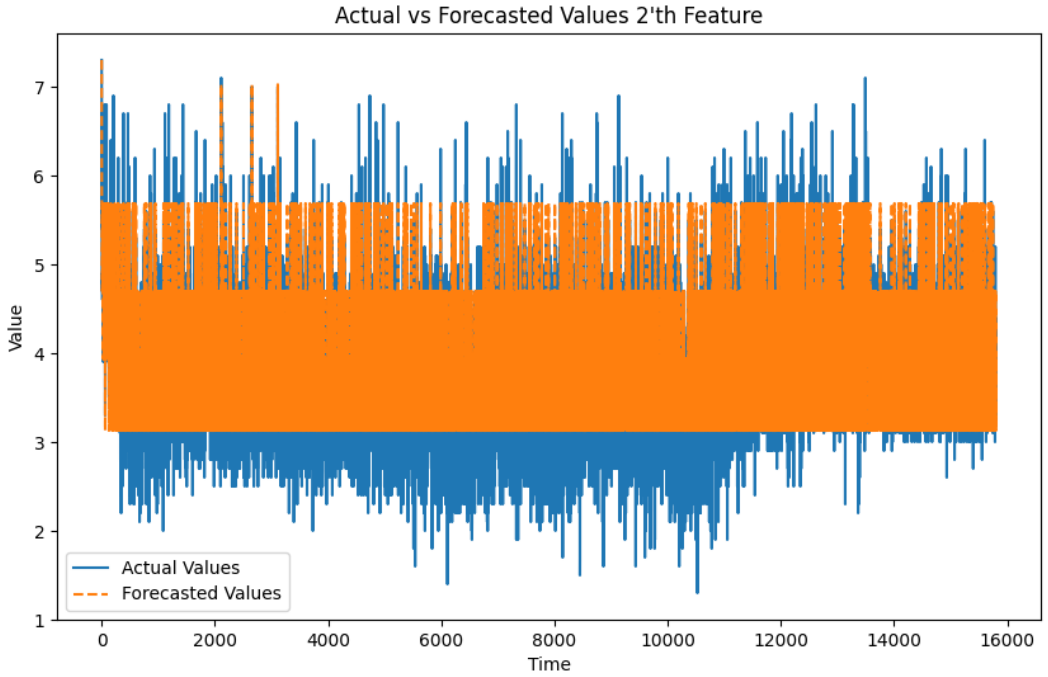
The time stamps were categorised and the the forecasted values were compared against it [best so far]

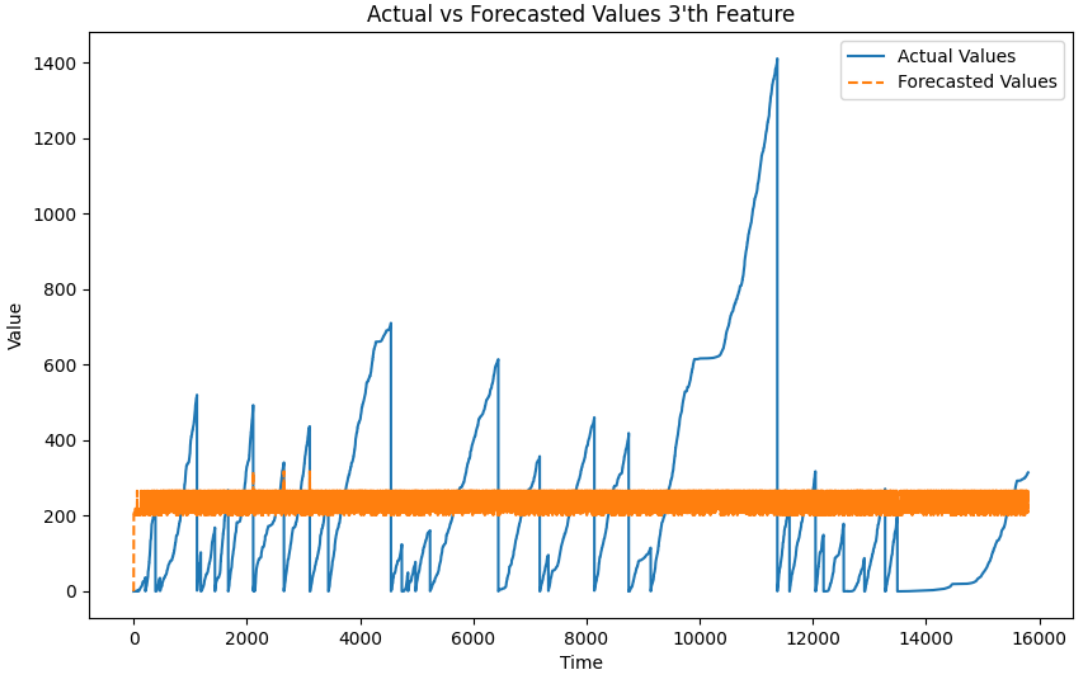
```
Total number of states: 15805
Matched states : 11059;         Accuracy: 69.97%
Matched within 1 state: 11675;  Accuracy within 1 state: 73.87%
unassigned : 3033,              Percentage : 19.19%
```

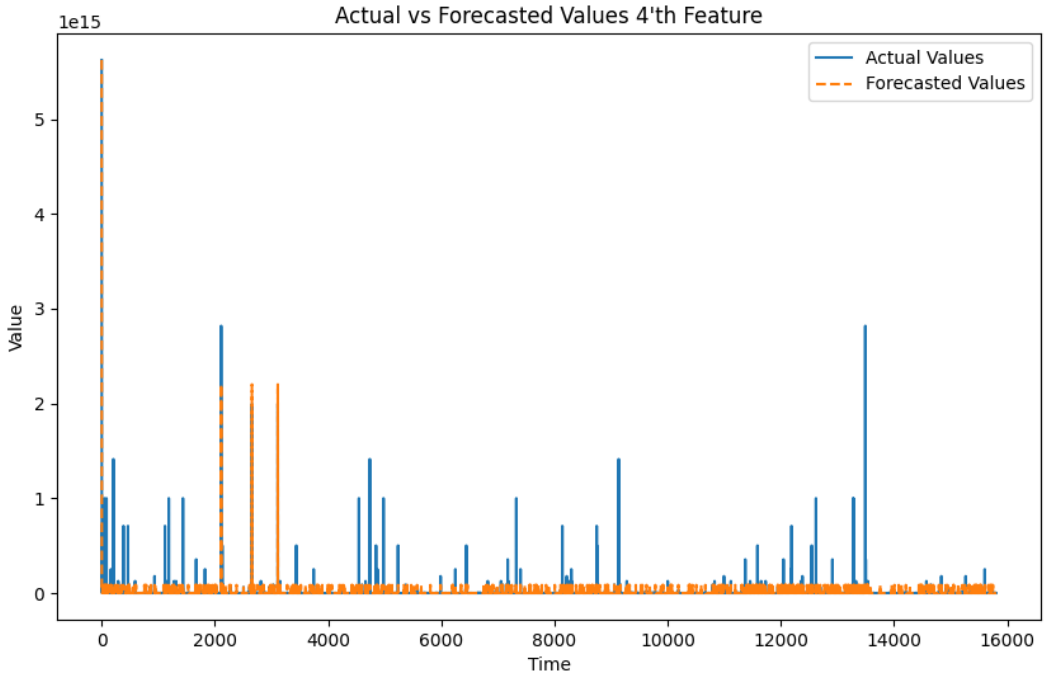
The graph of the different features:

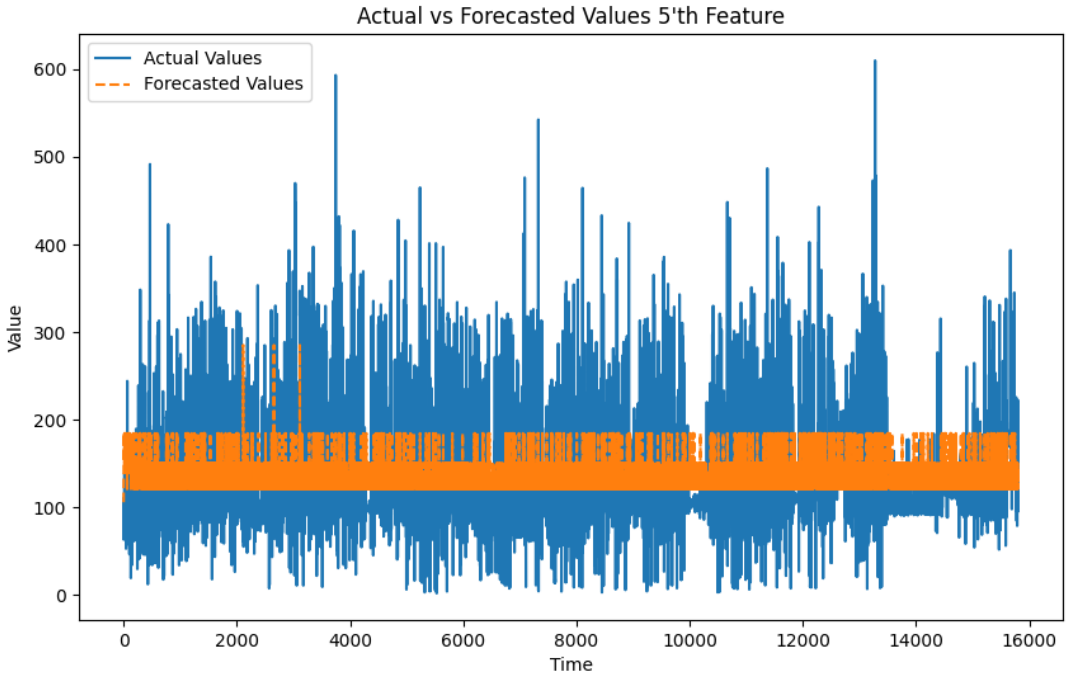

Actual vs Forecasted Values 0'th Feature
Actual Values
Forecasted Values
Value
Time
0
2
4
6
8
0
2000
4000
6000
8000
10000
12000
14000
16000


Actual vs Forecasted Values 1'th Feature
Actual Values
Forecasted Values
Value
Time
0
50
100
150
200
250
300
0
2000
4000
6000
8000
10000
12000
14000
16000


Actual vs Forecasted Values 2'th Feature
Value
Time
Actual Values
Forecasted Values
1
2
3
4
5
6
7
0
2000
4000
6000
8000
10000
12000
14000
16000


Actual vs Forecasted Values 3'th Feature
Value
Time
Actual Values
Forecasted Values
0
200
400
600
800
1000
1200
1400
0
2000
4000
6000
8000
10000
12000
14000
16000





statsexchange_link