Electric Vehicle Charging Station Usage: Status Dashboard
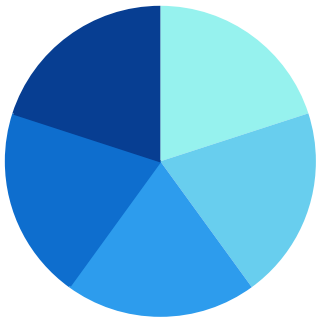
Weekdays
- Mon
- Tue
- Wed
- Thu
- Fri

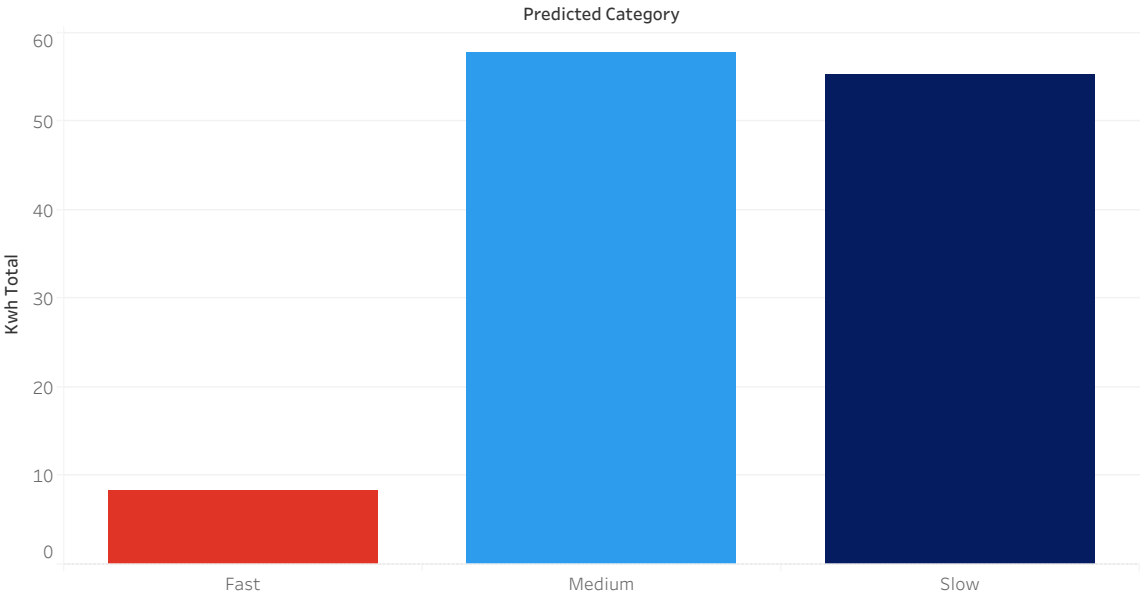| Total kWh Consumption	Session Count
121.2	**23**

Average Daily Consumption
8.082

Charging Category Breakdown

Predicted Category

Predicted Category
- Fast
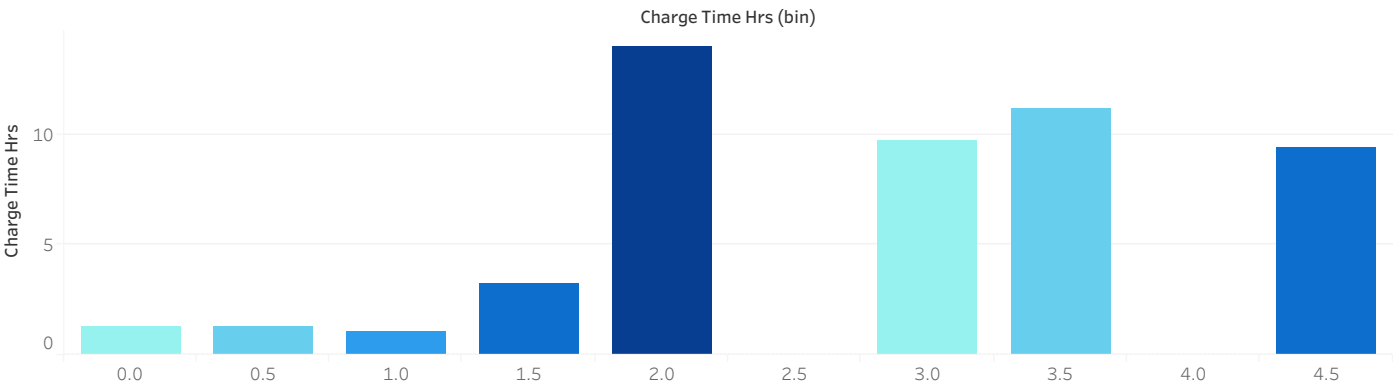- Medium
- Slow

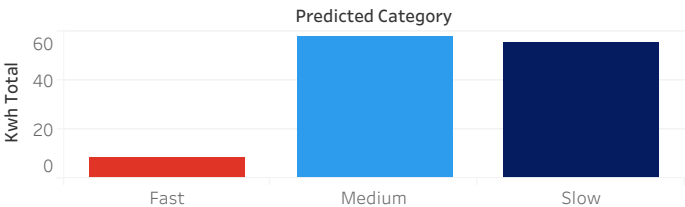Kwh Total axis: 0, 10, 20, 30, 40, 50, 60

Categories: Fast, Medium, Slow

Electric Vehicle Charging Usage Summary Dashboard

Charge Time Distribution

Charge Time Hrs (bin)

Charging Category Breakdown

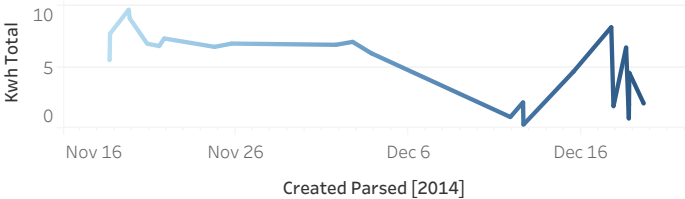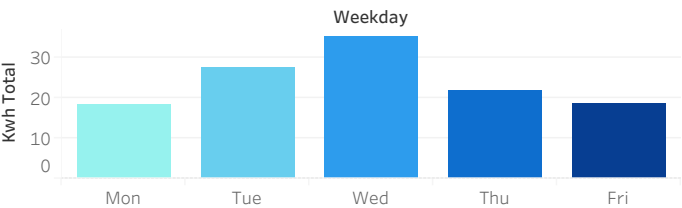Predicted Category

Session Cost Trend
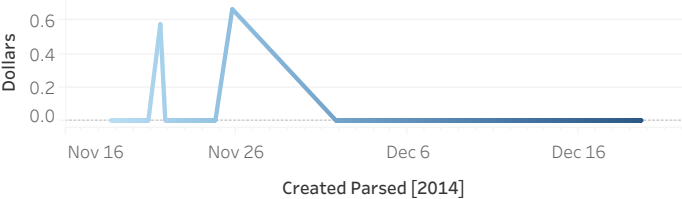
kWh Consumption Over Time

Weekly Consumption

Weekday

Machine Learning: Deep Learning Classification Dashboard

Final Validation Loss 0.63%
Final Training Loss 0.29%
Final Training Accuracy 0.85%
Final Validation Accuracy 0.75%

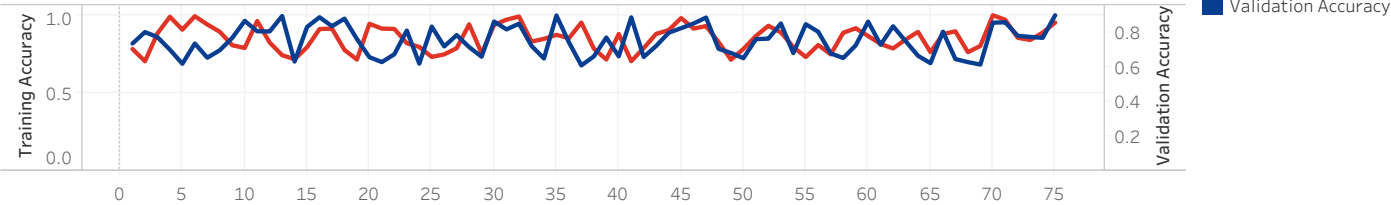| Average Charge Time Hours
2.22 |
| --- |
| Highest Charge Cost
0.67 |

Average Rate of Loss Change Per Epoch -0.04%

Confusion Matrix

	Predicted Category		
Charging Speed Category	Fast	Medium	Slow
Fast	2.62		
Medium		18.26	
Slow			30.28

Loss over Epochs

Measure Names
- Training Loss
- Validation Loss

Loss Over Accuracy
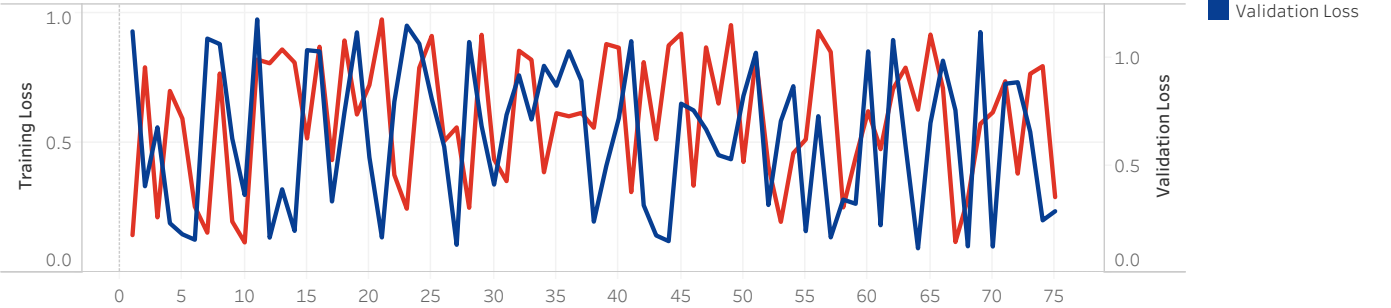
Measure Names
- Training Accuracy
- Validation Accuracy

Machine Learning LSTM Dashboard

Mean Absolute Error	Mean Squared Error
0.76%	**0.90%**

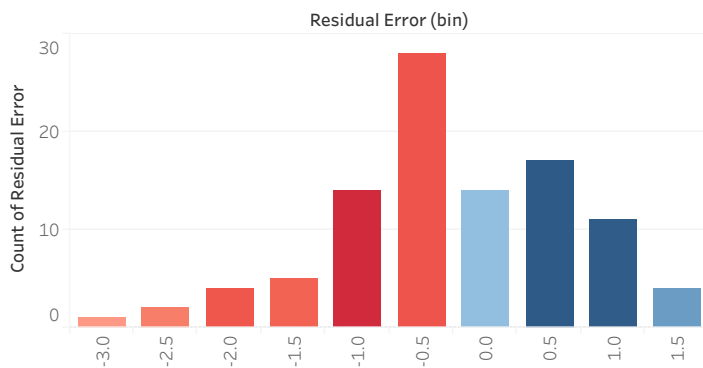| Forecast Horizon	Root Mean Squared Error
4	**0.95%**

Actual vs. Predicted
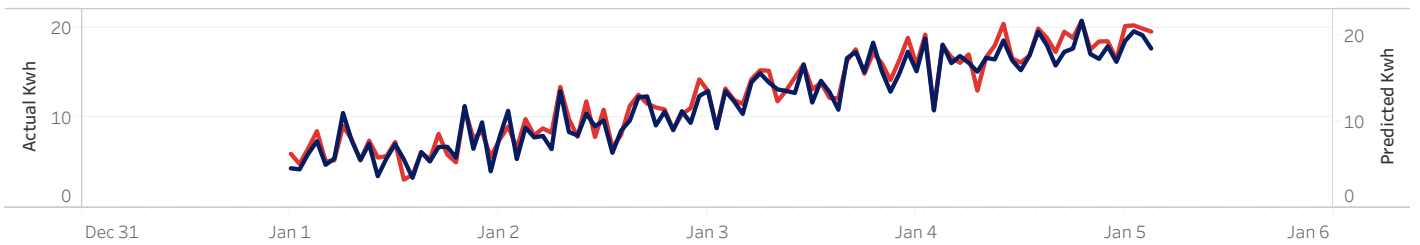
Error Distribution

Forecast Error Overtime