EV CHARGING DATA ANALYSIS

- Time-Based Charging Trends
- Customer Behavior Analysis
- Charging Station Performance
- Performance by Revenue Analysis

4M	**136.04K**	**19.52K**	**39.04M**
Sum of Total Sessions	Sum of Avg Duration	Sum of Avg Energy P...	Sum of Total Revenue

Charging Sessions Over Time (Count)

Number of Charging Sessions

2,000
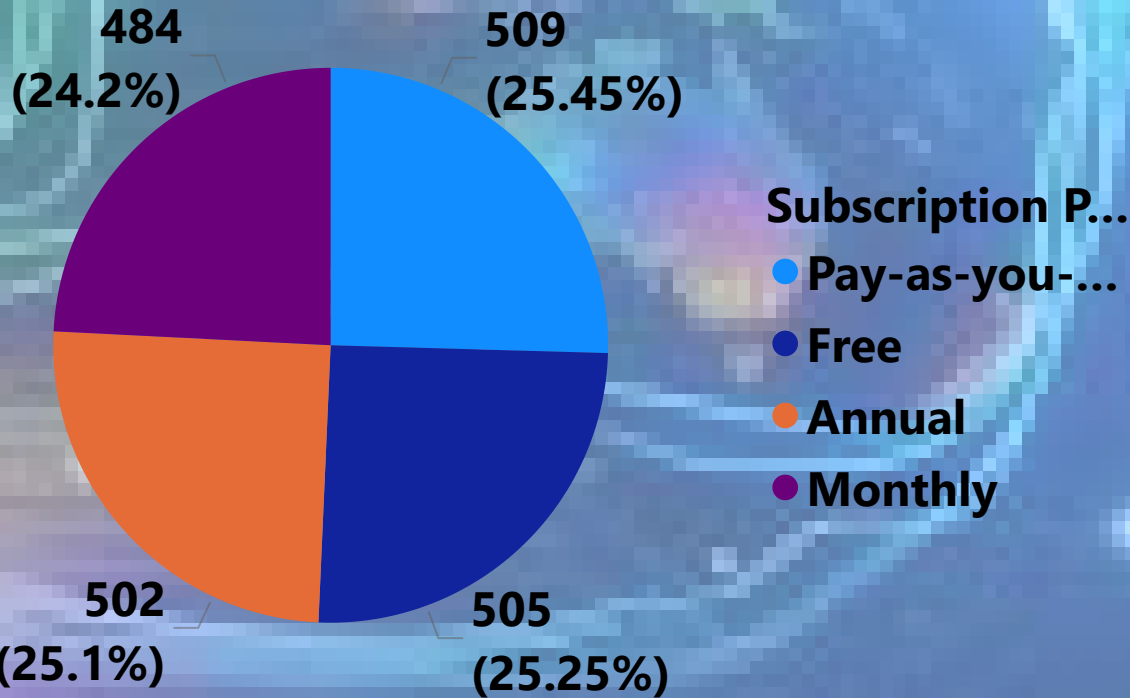
1,500

1,000

500

0

2000

2025
Year
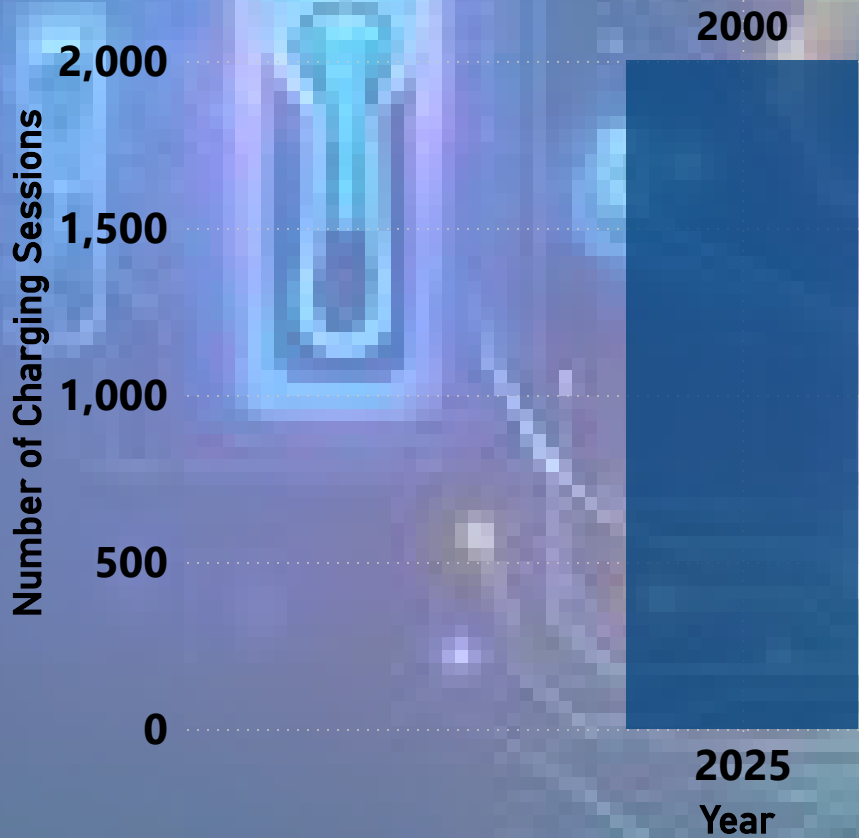
Subscription Plan ∨
- ☐ Annual
- ☐ Free
- ☐ Monthly
- ☐ Pay-as-you-go

Charging Status ∨
- ☐ Failed
- ☐ In Progress
- ☐ Successful

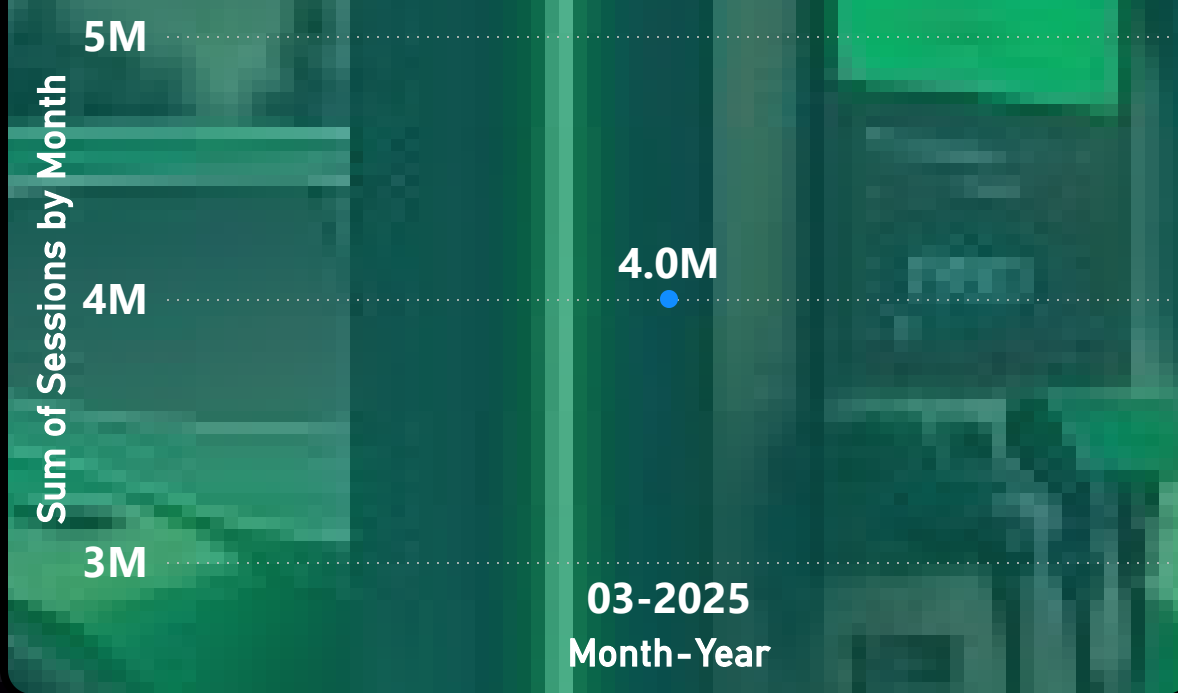## Charging Sessions by Subscription Plan

484 (24.2%)
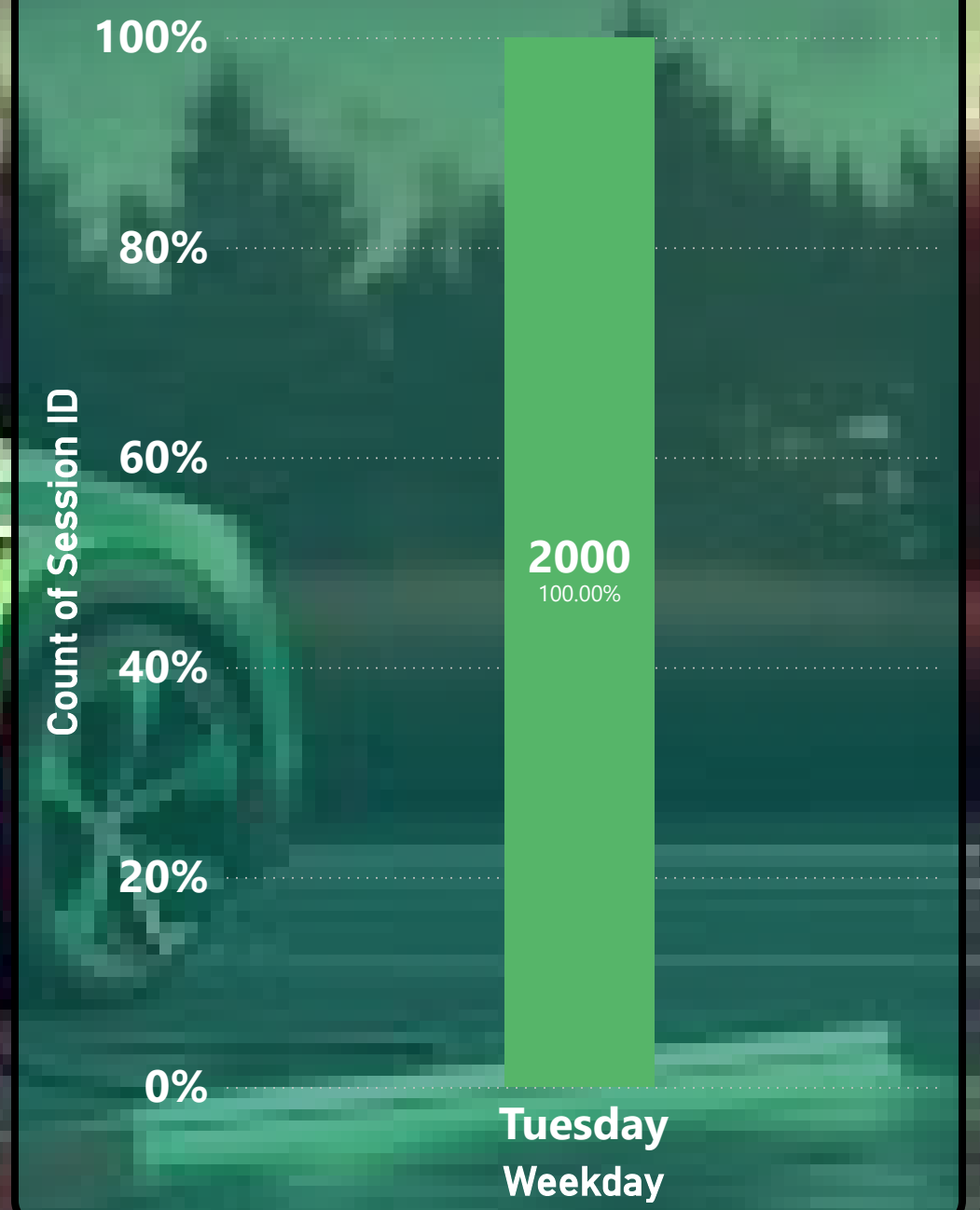509 (25.45%)
502 (25.1%)
505 (25.25%)

Subscription P...
- ● Pay-as-you-...
- ● Free
- ● Annual
- ● Monthly

TIME-BASED CHARGING TRENDS

Peak Charging Hours

Total Charging Sessions

2000

Charging Hour
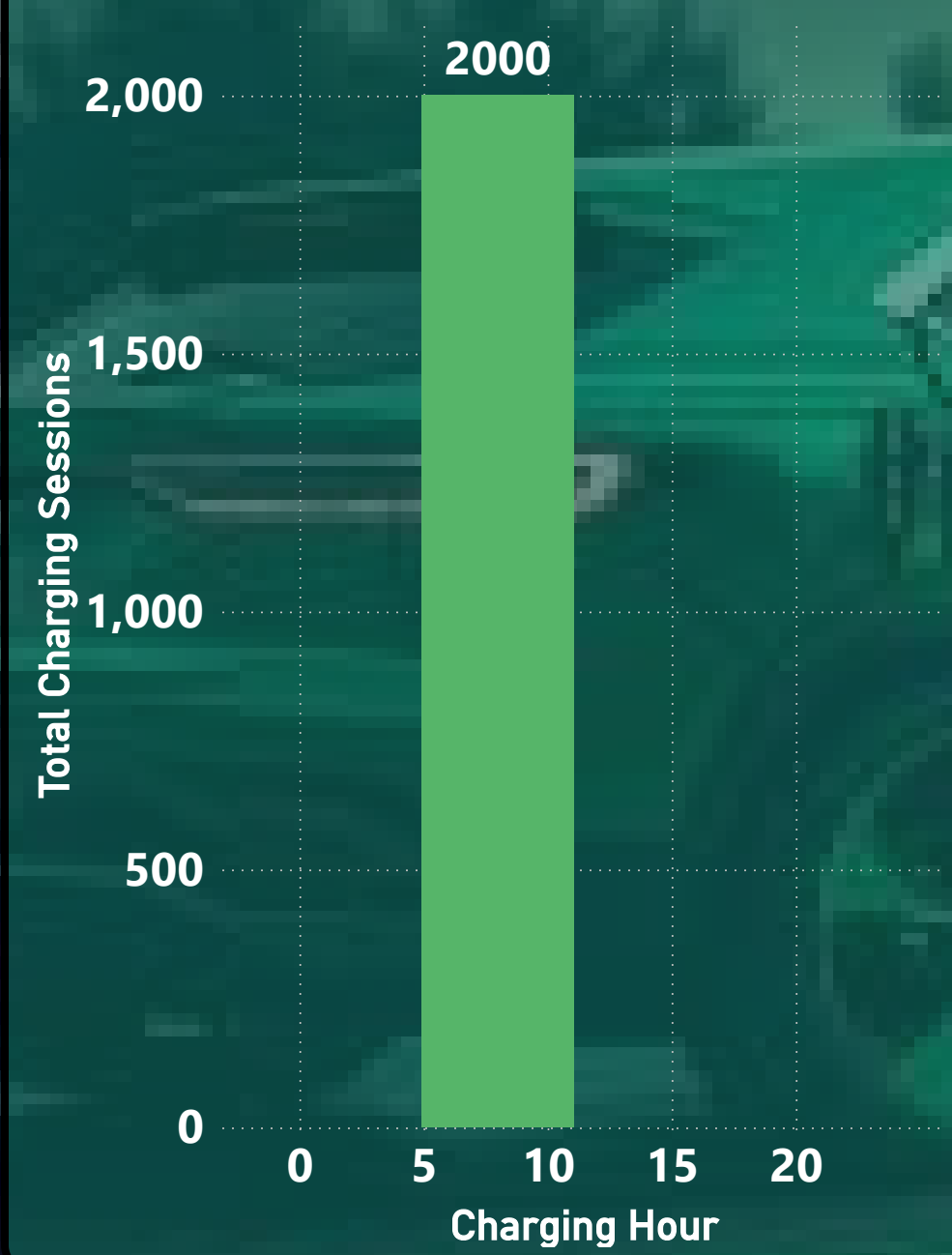
Charging Trends Over Months

Sum of Sessions by Month

5M

4.0M

4M

3M

03-2025
Month-Year

Weekday vs. Weekend Charging Usage

Count of Session ID

100%

80%

60%

40%

20%

0%

2000
100.00%

Tuesday
Weekday

Connector Type ⌄
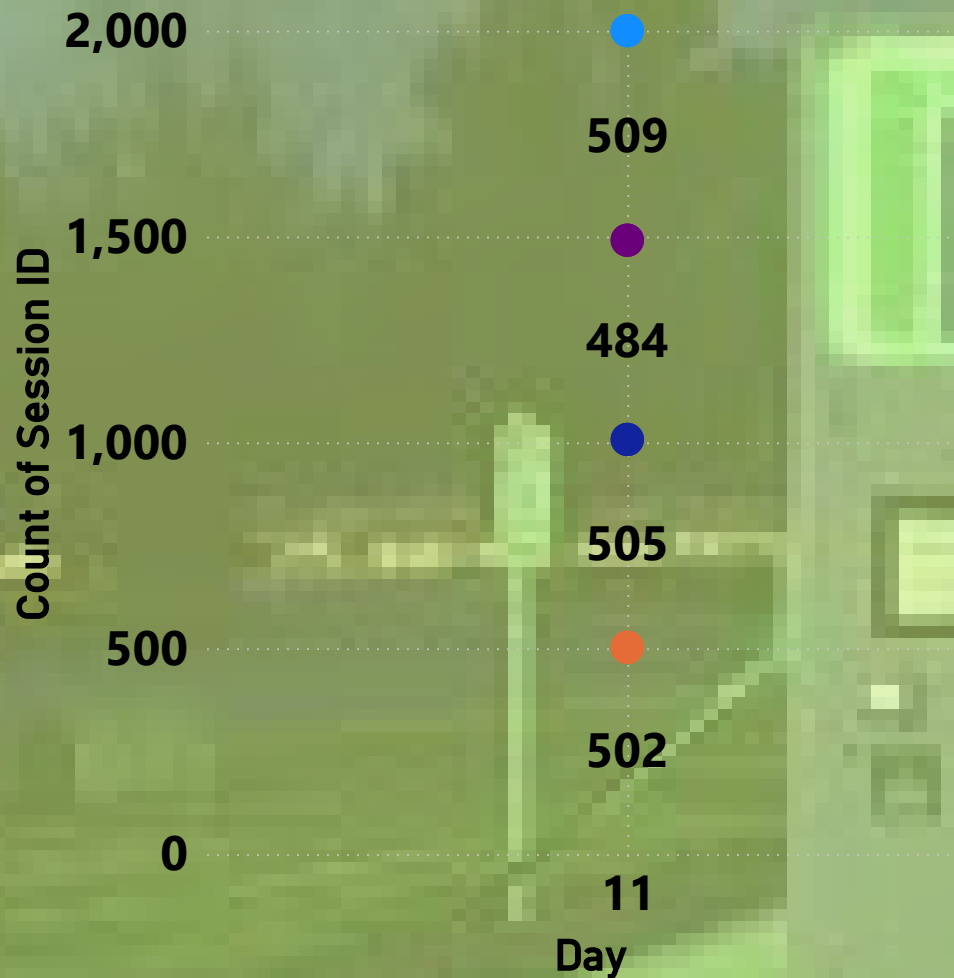- ☐ CCS
- ☐ CHAdeMO
- ☐ Tesla Supercharger
- ☐ Type 2

Station Type ▲
- DC Fast Charger
- Fast Charger
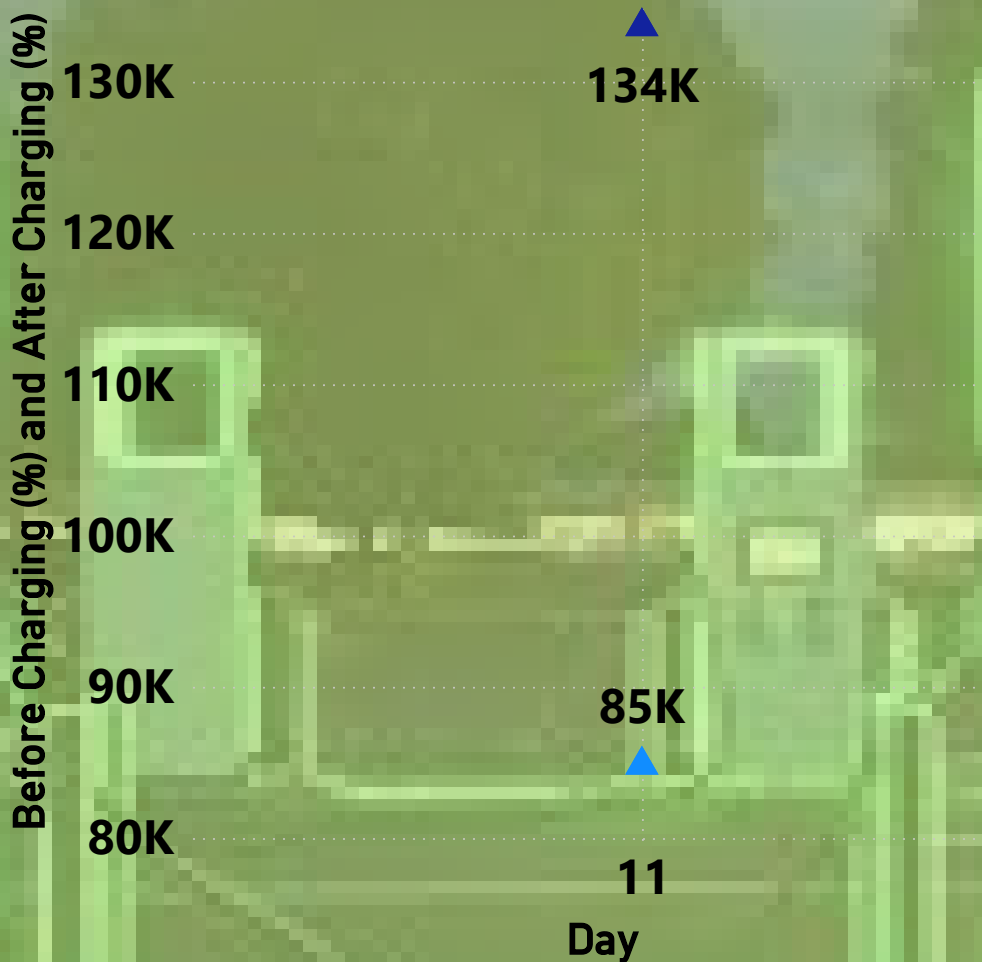- Level 2 Charger
- Slow Charger

CUSTOMER BEHAVIOUR ANALYSIS

Charging Trends by Subscription Type

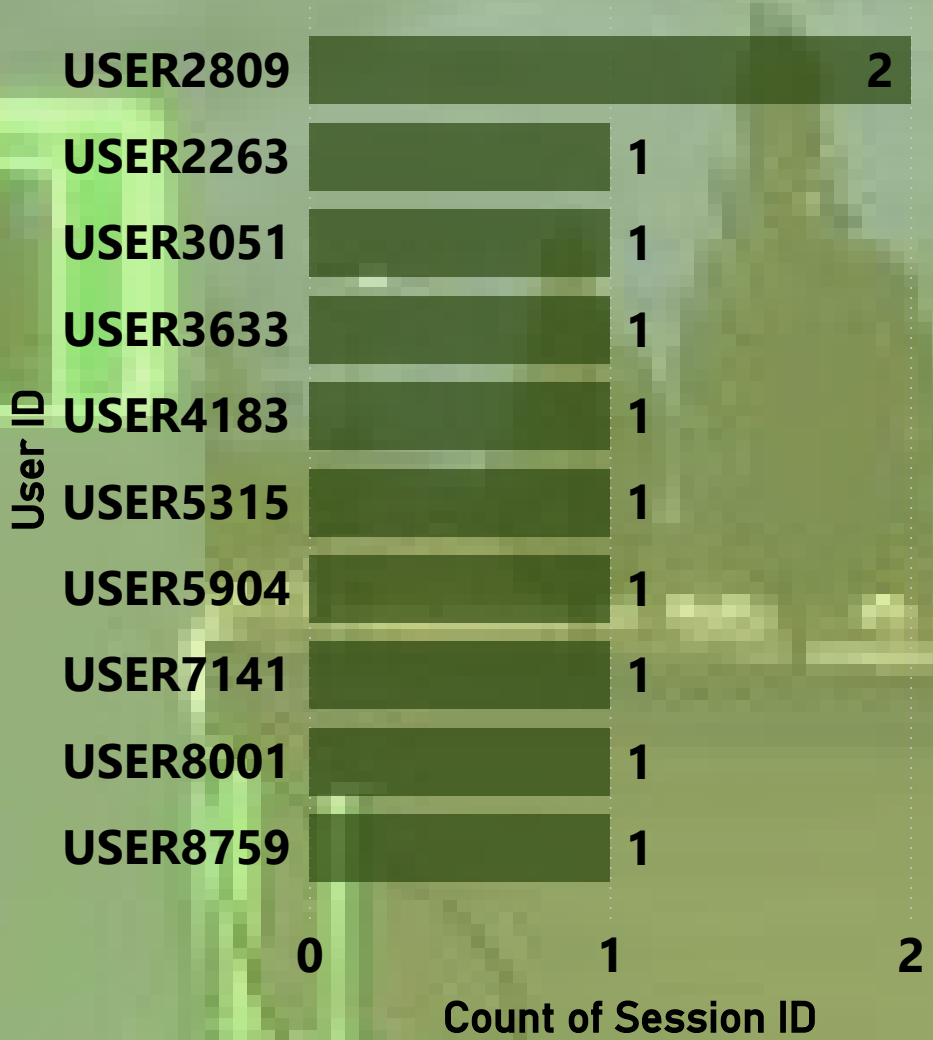Subscript... ● Annual ● Free ● Monthly ● Pay-as-...

Count of Session ID (y-axis): 2,000 / 1,500 / 1,000 / 500 / 0

- 509
- 505
- 484
- 502

Day: 11

Battery Level Patterns Before & After Charging

▲ Before Charging (%)   ▲ After Charging (%)

Before Charging (%) and After Charging (%) (y-axis): 130K / 120K / 110K / 100K / 90K / 80K

- 134K
- 85K

Day: 11

Top 10 Most Active Customers

User ID	Count of Session ID
USER2809	2
USER2263	1
USER3051	1
USER3633	1
USER4183	1
USER5315	1
USER5904	1
USER7141	1
USER8001	1
USER8759	1

Count of Session ID (x-axis): 0 / 1 / 2

Vehicle Type

Bus	Motorbike	SUV
Hatchback	Sedan	Truck

Payment Method

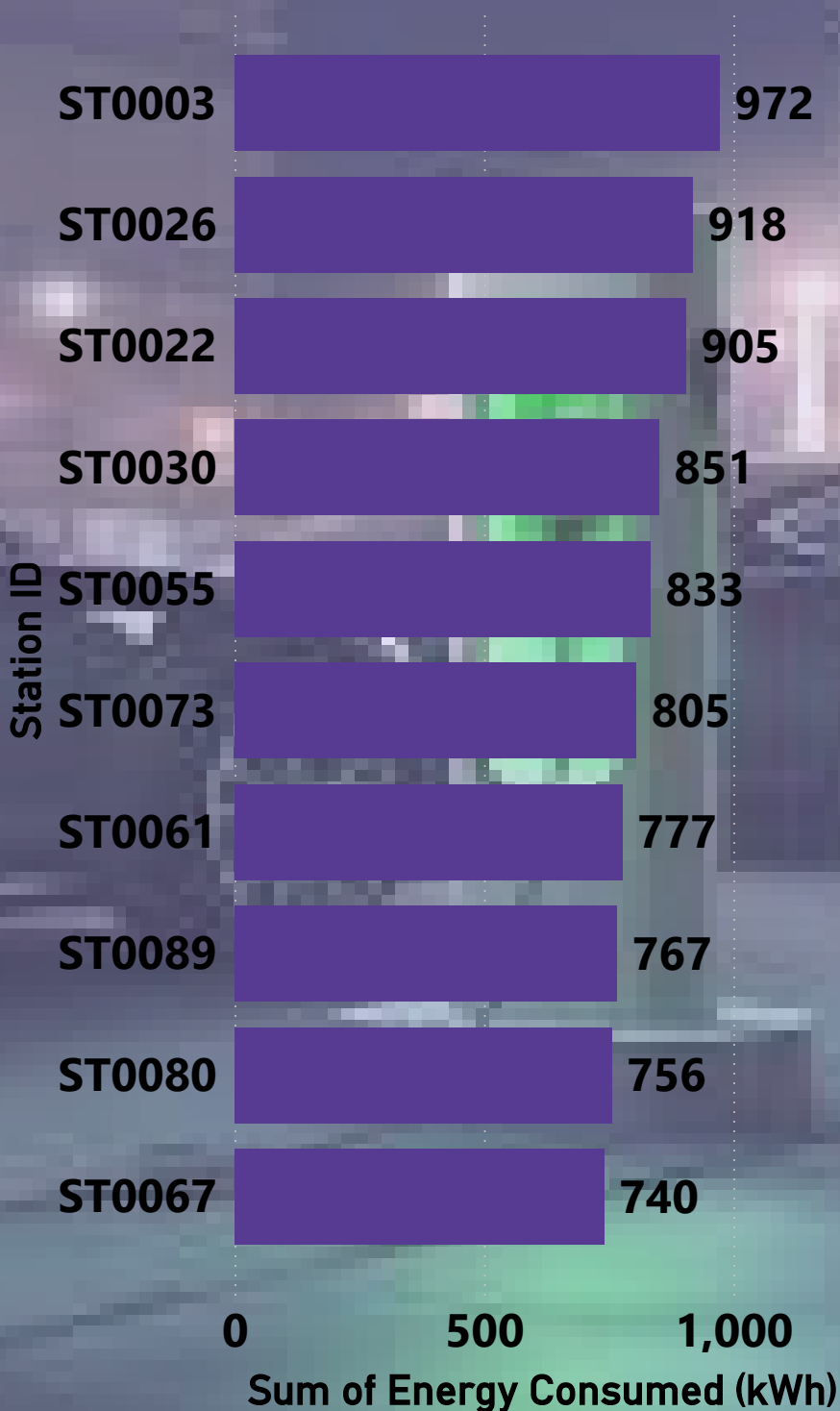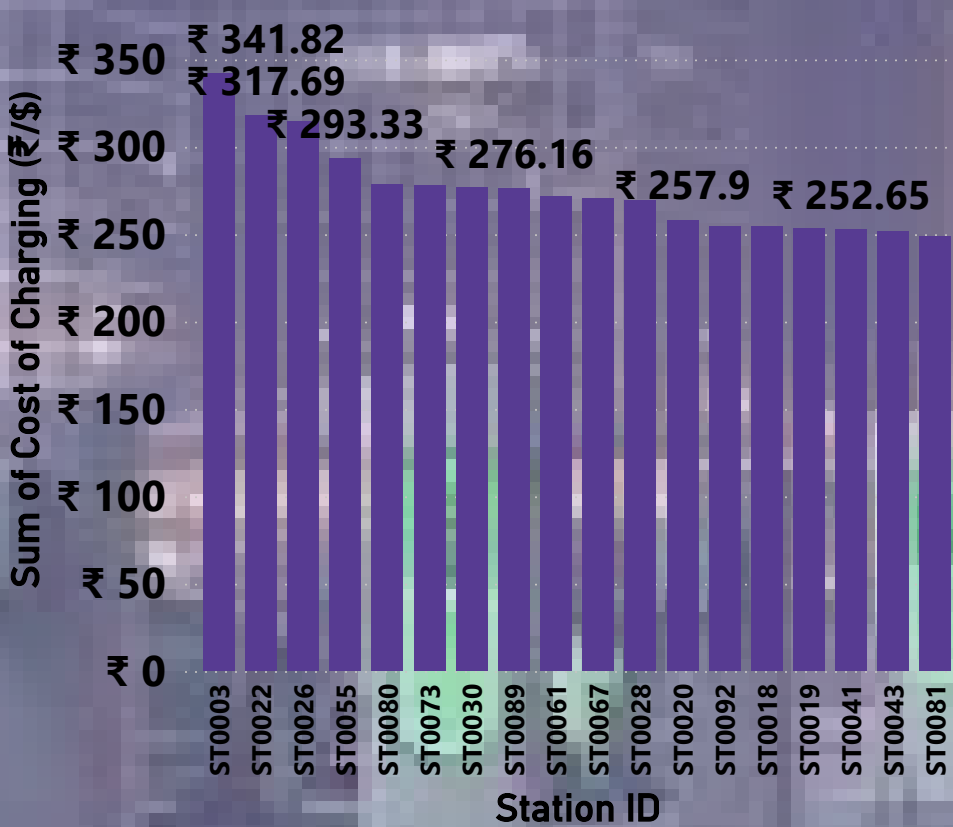| Cash	Credit Card	Debit Card	UPI	Wallet

CHARGING STATION PERFORMANCE

Energy Consumed by Station Location

Station Location ● Seattle ● Houston ● Miami ● Boston ● Chicago
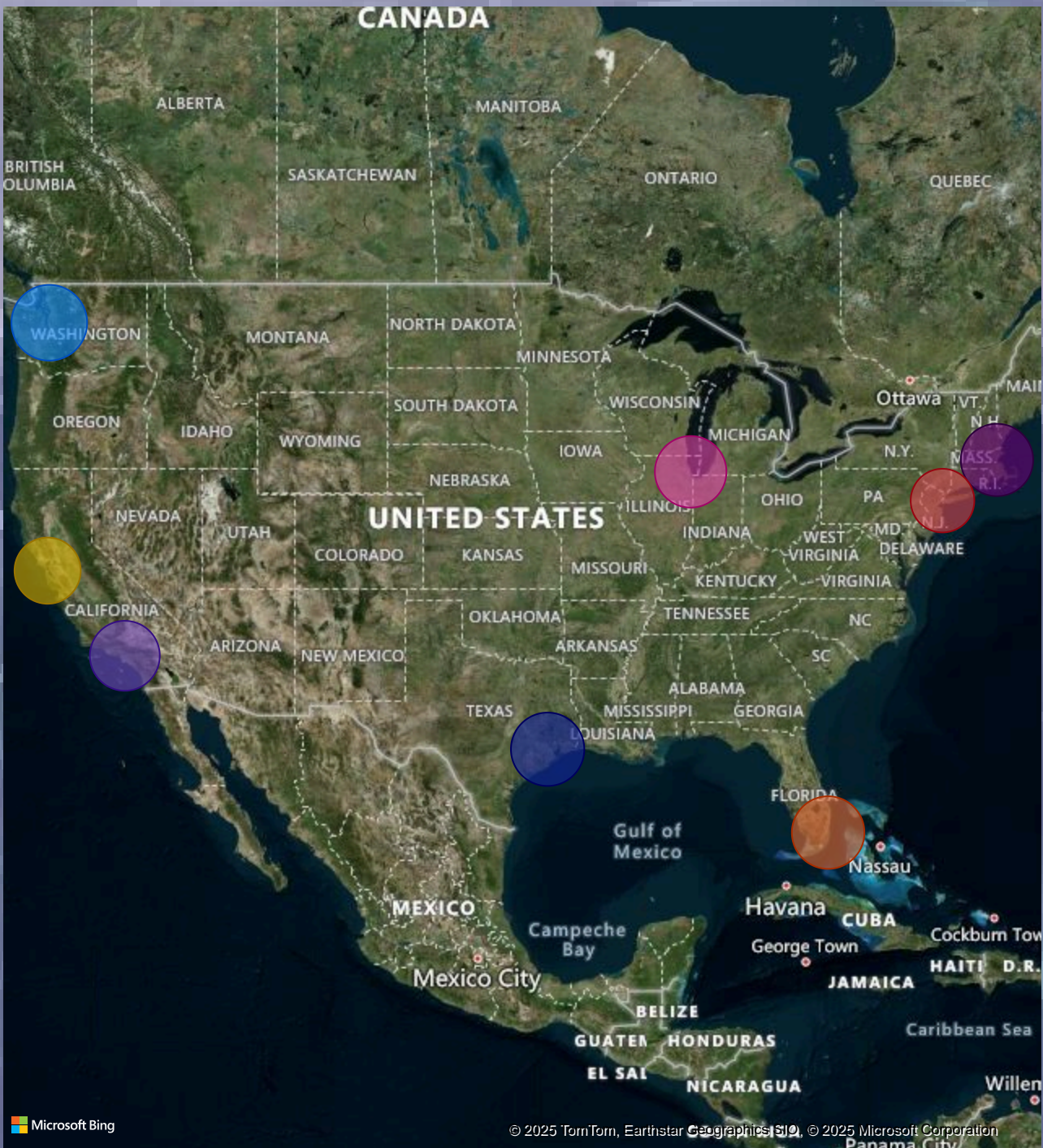
Top 10 Stations by Energy Consumption

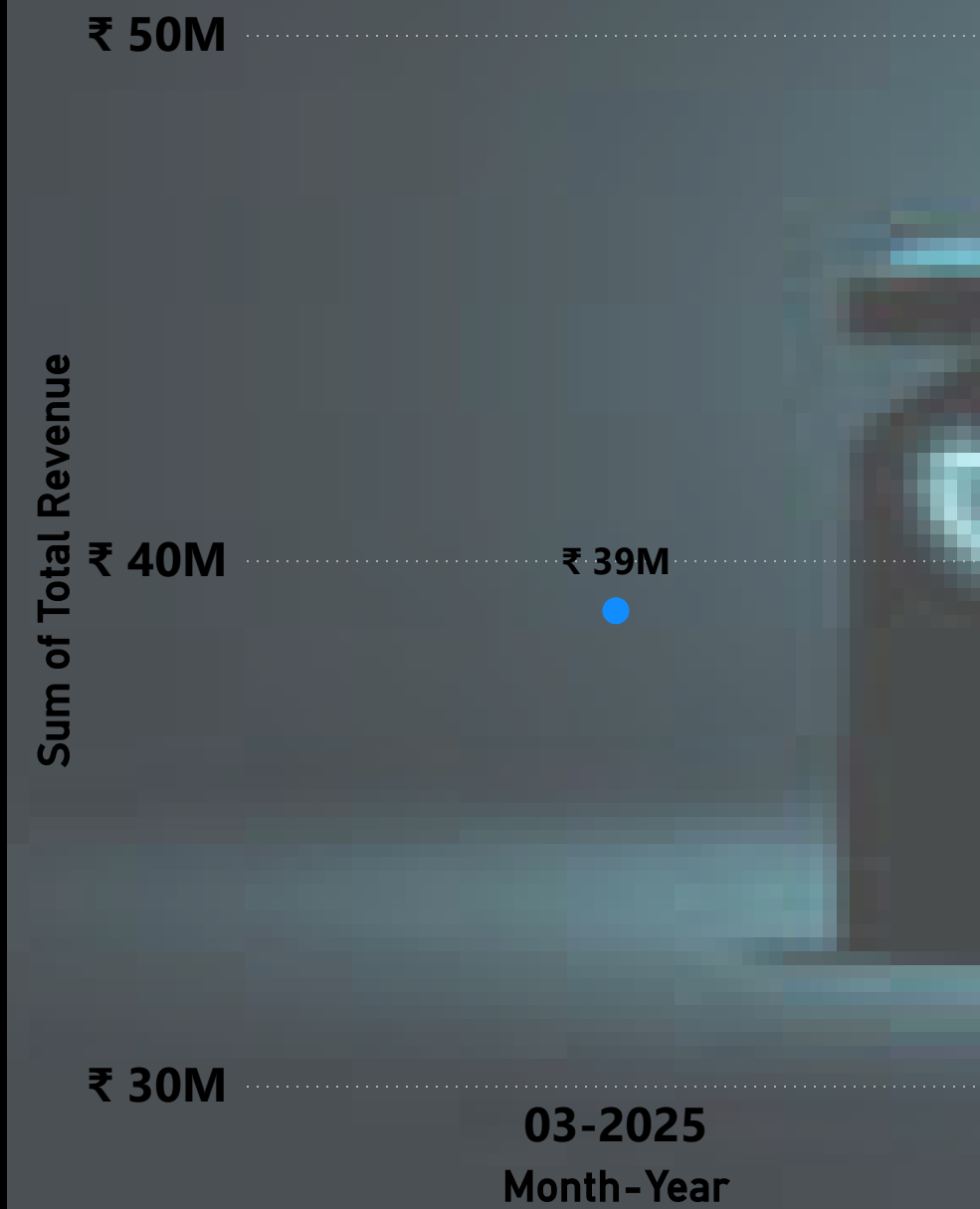| Station ID	Sum of Energy Consumed (kWh)
ST0003	972
ST0026	918
ST0022	905
ST0030	851
ST0055	833
ST0073	805
ST0061	777
ST0089	767
ST0080	756
ST0067	740

Revenue per Station

₹ 341.82
₹ 317.69
₹ 293.33
₹ 276.16
₹ 257.9
₹ 252.65

Sum of Cost of Charging (₹/$)

Station ID: ST0003, ST0022, ST0026, ST0055, ST0080, ST0073, ST0030, ST0089, ST0061, ST0067, ST0028, ST0020, ST0092, ST0018, ST0019, ST0041, ST0043, ST0081

Station Utilization Heatmap

Station ID	Count of Session ID
ST0001	26
ST0002	20
ST0003	32
ST0004	23
ST0005	11

PERFORMANCE BY REVENUE ANALYSIS

Total Revenue by Month

Sum of Total Revenue

₹ 50M

₹ 40M — ₹ 39M

₹ 30M

03-2025
Month-Year

Utilization Rate

94.47

0.00   188.94
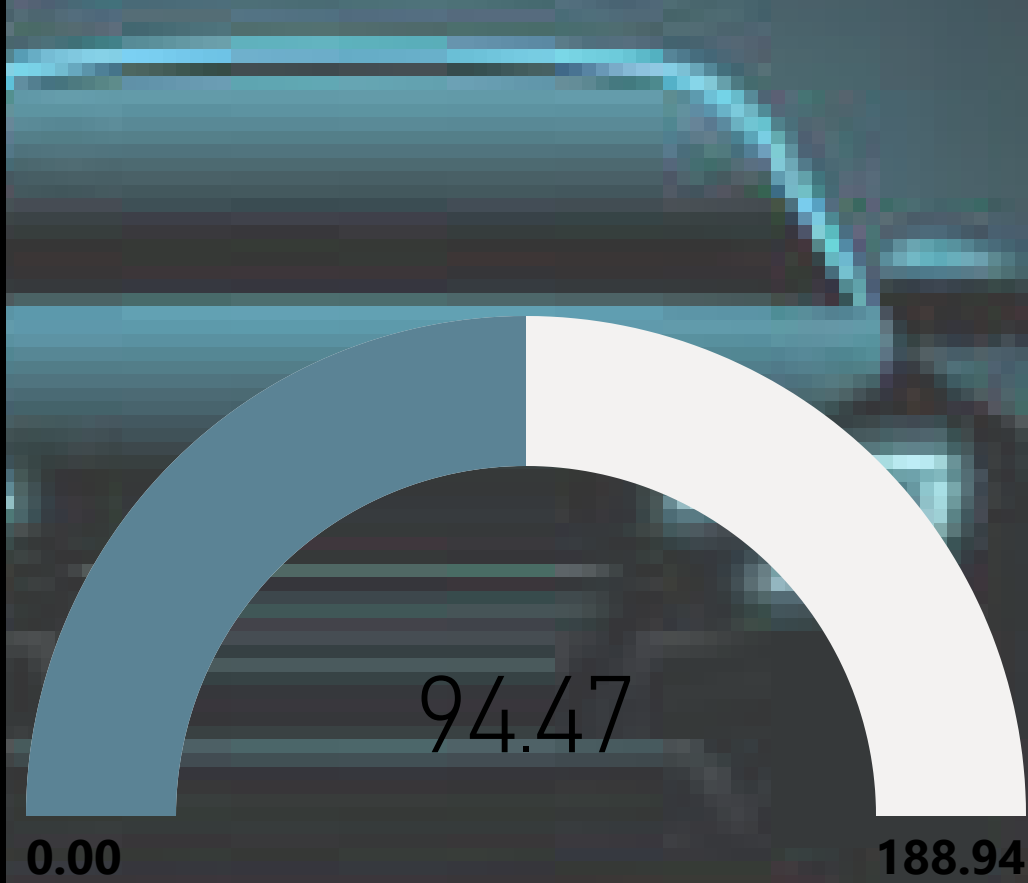
Energy Consumption vs. Revenue

Station ID ● ST0001 ● ST0002 ● ST0003 ● ST0004

40K

Sum of Total Revenue

35K

30K

25K

20K

0   20   40
Energy Consumed (kWh)