

Metric & Level of Detail	Visualization (or options)
Number of charging sessions per time of day/day Aggregated by time of day (e.g., Morning, Evening) and weekdays/weekends	Bar chart or line chart showing charging sessions by time of day, split by weekday and weekend for comparison.
Energy consumed (kWh) and charging duration (hours) Detailed by vehicle model, location, and time	Scatter plot with energy consumed on the X-axis, charging duration on the Y-axis, and vehicle model as a legend.
User type distribution Grouped by user type (e.g., Commuter, Long-Distance)	Pie chart or stacked bar chart showing the proportion of each user type.
Charging cost (USD) vs. energy consumed (kWh) Per session, detailed by charger type and location	Bubble chart with charging cost as bubble size, energy consumed on the X-axis, and location on the Y-axis.
Temperature (°C) vs. energy efficiency (kWh/km) Detailed by vehicle model and charging session	Line chart or scatter plot showing temperature on the X-axis and energy efficiency on the Y-axis, grouped by vehicle model.
State of charge (Start %) vs. State of charge (End %) Per session, aggregated by vehicle age and model	Heatmap with Start % on one axis, End % on the other axis, and frequency as the heat intensity
Station usage frequency Aggregated by location and charger type	Bar chart grouped by charger type for each location.

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Peak usage times Aggregated by charging station and time of day	Area chart or time series showing peak usage hours across stations.