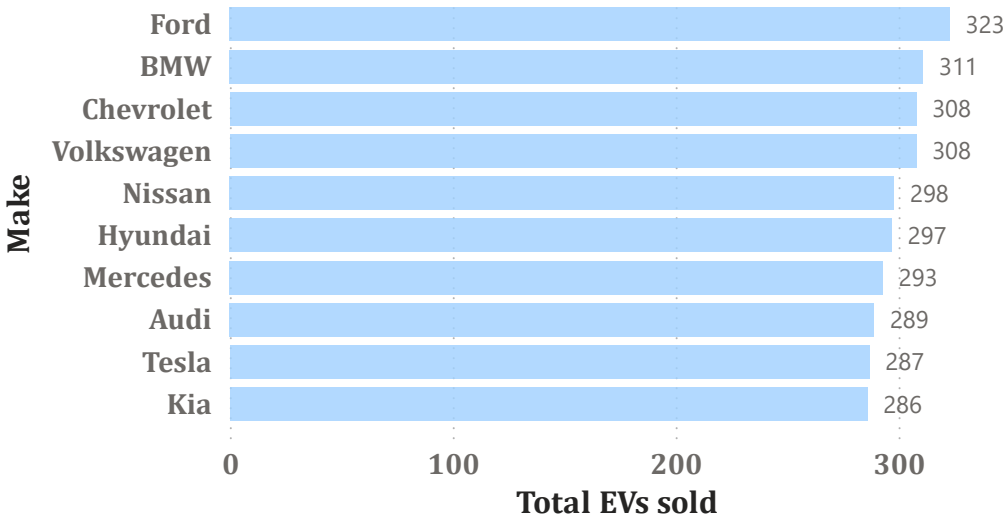


Make

All

Electric Vehicle Analysis Report

Most sold EV company



3000

Total EVs sold

85.03

Avg_battery_health%

1.20

Avg_charging_time_hr%

45.08K

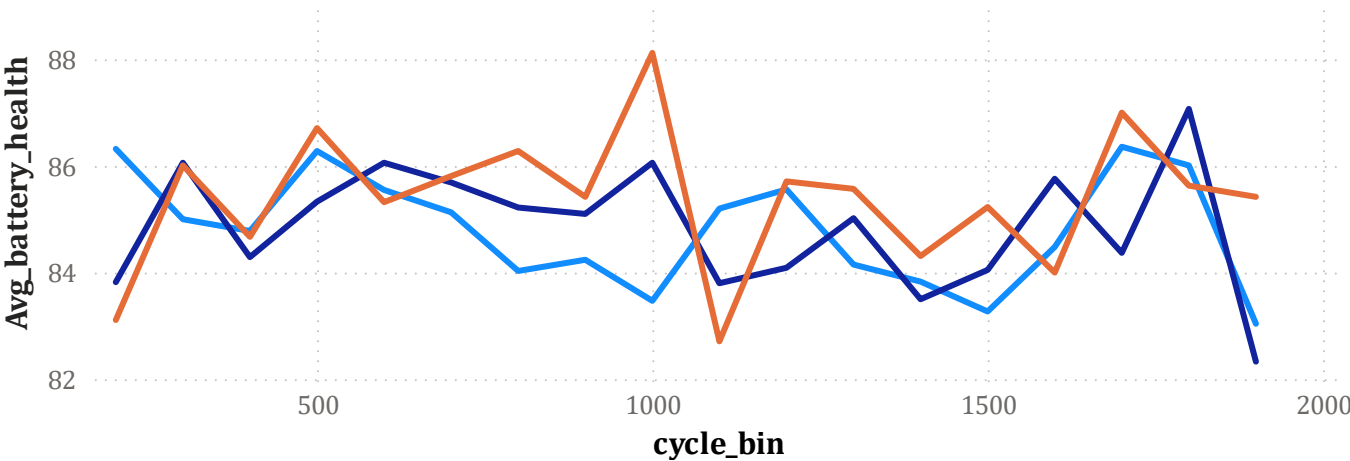
Total_co2_saved_tons

Battery efficiency km per kwh by make and model

make	model	Battery_efficiency_km_per_kwh
Hyundai	Kona Electric	5.05
Audi	e-tron	5.04
Ford	Mustang Mach-E	5.04
Chevrolet	Bolt EUV	5.04
Nissan	Leaf	5.03
Ford	F-150 Lightning	5.03
Audi	Q4 e-tron	5.01
Hyundai	Ioniq 5	5.01
Volkswagen	ID.4	5.01
BMW	i3	5.00
Kia	Niro EV	5.00
BMW	i4	4.99
Volkswagen	ID.3	4.99
Chevrolet	Bolt EV	4.98
Tesla	Model Y	4.98
Nissan	Ariya	4.98
Mercedes	EQC	4.97
Tesla	Model X	4.97
Kia	EV6	4.96
BMW	iX	4.95
Tesla	Model 3	4.95
Mercedes	EQS	4.95
Tesla	Model S	4.94

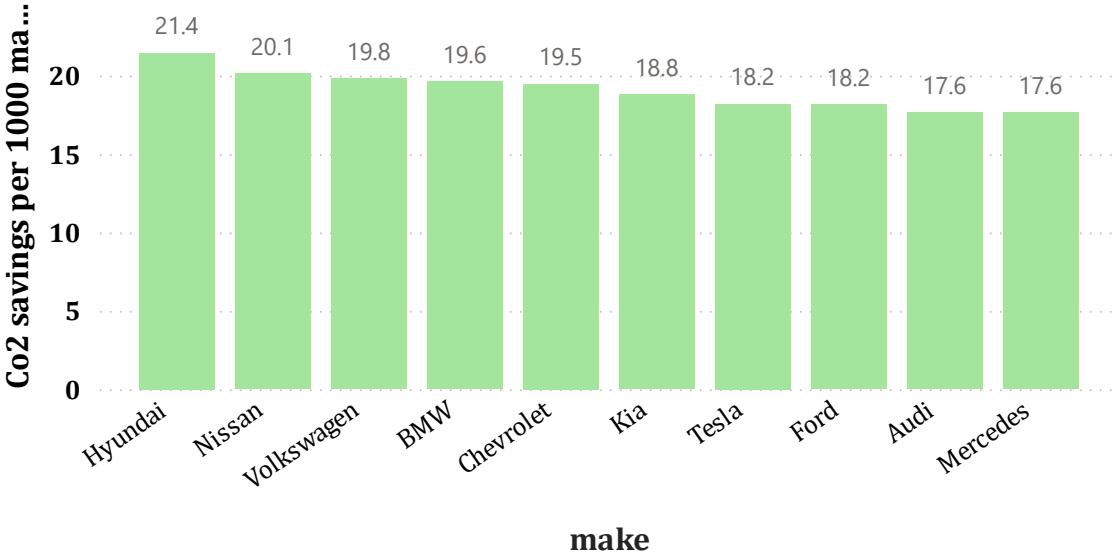
Average battery health by cycle bin and Usage type

Usage_type : Commercial Fleet Personal



Electric Vehicle Analysis Report

CO₂ savings per \$1,000 spent on maintenance by make



3000

Total EVs sold

85.03

Avg_battery_health%

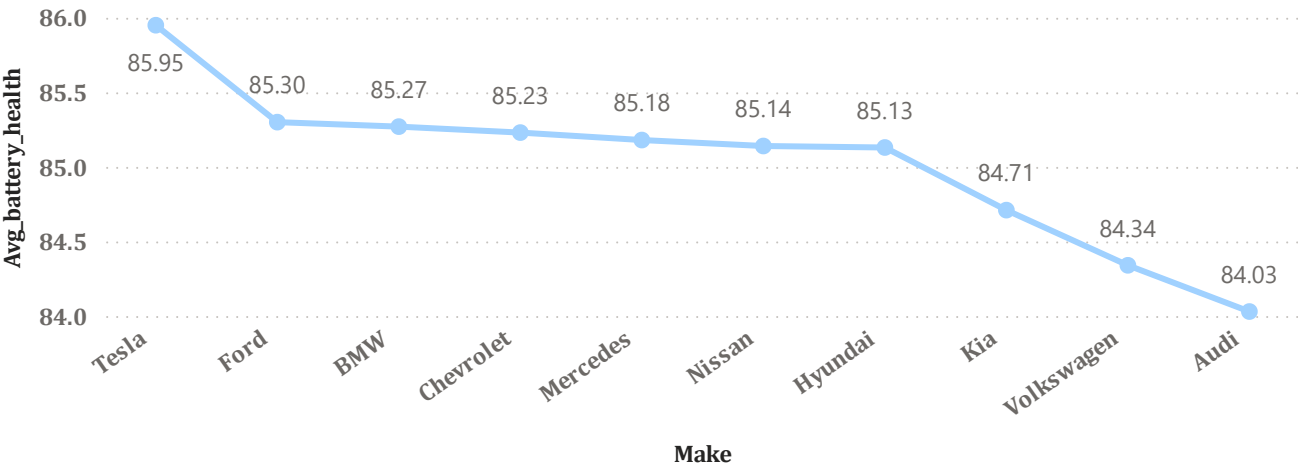
1.20

Avg_charging_time_hr

45.08K

Total_co2_saved_tons

Average battery health by make



Resale value relative to total mileage and battery health

Make	Model	Avg_resale_value_usd	Avg_mileage_km	Avg_battery_health
BMW	i4	23,530.65	1,30,354.00	85.40
BMW	iX	23,098.38	1,24,273.00	85.20
Audi	Q4 e-tron	23,095.01	1,16,155.00	83.80
Mercedes	EQS	23,016.11	1,19,370.00	85.00
Tesla	Model S	22,838.33	1,16,169.00	85.90
Ford	F-150 Lightning	22,752.73	1,18,877.00	84.00
Chevrolet	Bolt EUV	22,481.80	1,24,420.00	85.20
Ford	Mustang Mach-E	22,439.27	1,22,384.00	86.60
Kia	Niro EV	22,419.40	1,23,514.00	84.70
Hyundai	Ioniq 5	22,400.50	1,27,845.00	84.90

Monthly charging cost per 1,000 km by region

Region	AVG_charing_cost_per_1000km
Australia	3.28
North America	3.35
Europe	3.36
Asia	3.42

Electric Vehicle Analysis Report

Speed vs. Consumption Trade-off by vehicle type

vehicle_type	energy_consumption_kwh_per_100km_corr
Hatchback	0.06066
Truck	0.01084
Sedan	-0.00195
SUV	-0.00345

3000

Total EVs sold

85.03

Avg batterv health%

1.20

Avg charging time hr%

45.08K

Total co2 saved tons

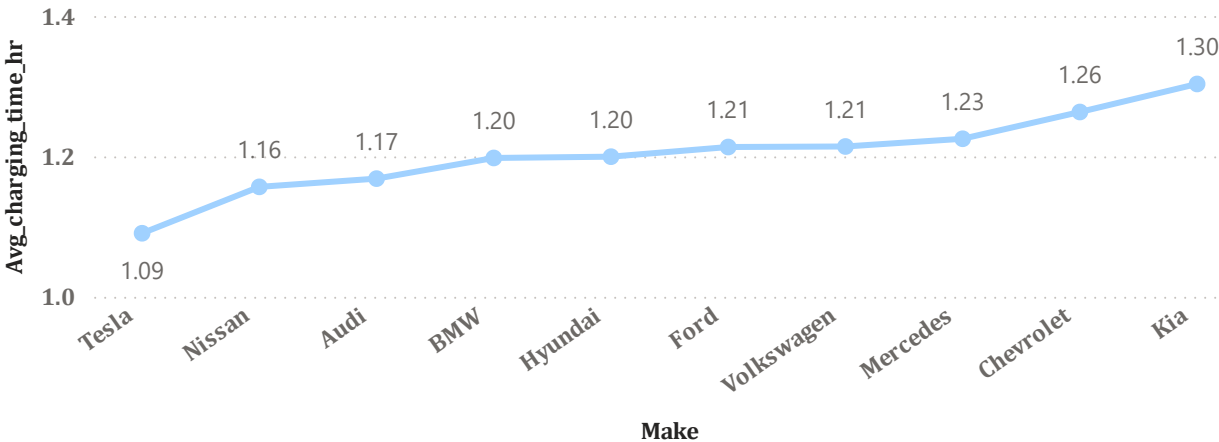
Charging performance by make and model

make	model	charging_performace
Audi	Q4 e-tron	0.02
BMW	i3	0.01
BMW	i4	0.02
Hyundai	Kona Electric	0.02
Kia	EV6	0.01
Mercedes	EQS	0.02
Nissan	Ariya	0.02
Tesla	Model Y	0.01
Tesla	Model 3	0.01
Tesla	Model S	0.02

Regional temperature and battery range

Reg_temperature	Asia	Australia	Europe	North America
Cold	371.02	371.64	378.29	392.03
Hot	382.14	363.21	377.47	380.37
Moderate	358.46	364.55	377.67	372.40

Average charging time per hour



Insurance cost relative to max speed and acceleration by vehicle type

● Cost_per_acceleration ● Cost_per_maxspeed

