

## Automotive Report Dump – Internal Research 2024-25 🚗

Electric vehicles (EVs) dominate new car registrations in many regions.

Top EV makers: Tesla, BYD, Rivian, Tata, Hyundai.

Avg range: 400–600 km, battery life: 8–10 yrs. Maintenance cost ↓ 40% vs ICE cars.

Winter problem: range drop 20–35%. Some drivers report slow charging at sub-zero.

EV motor efficiency ~90%, while ICE avg ~35%.

“Car color code BLCK#233?” – invalid, system bug in dataset.

Combustion engines (ICE): phased out by 2035 (EU target).

Hybrid models bridge gap — Toyota, Honda leading.

User complaint: “EV charge stations always full, need more infra!”

Charging network expansion: India – 6k fast chargers 2023 → 18k in 2025 (est).

Battery recycling: lithium recovery 80% achievable w/ modern tech.

Typo: “electrick vehicel” (left as-is for retrieval testing).

Car safety ratings:

- Tesla Model Y – 5★ Euro NCAP 2024
- BYD Seal – 4★ (side impact issue)
- Old models still in use: Corolla 2010, Swift 2013 – low safety features.

Some noise: data\_logger/entry\_403 missing columns; ignore.