

# Team 3-DEPI

**Project name:** Electric vehicles

**Source:** Kaggle

## **Team members:**

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## **Objectives:**

- Is there a relationship between battery Capacity and vehicle range?
- Does battery type affect charging time or vehicle range?
- Does price influence the number of units sold in 2024?
- Do vehicles with longer range achieve higher sales?
- Do vehicles that support ultra-fast charging sell more than others?
- Does the country of manufacture affect price or sales?
- Are safety ratings correlated with sales or price?
- Classify vehicles by target segment (Luxury – Economy – Sports – Family).
- Comparing Charging\_Type and its impact on Charge\_Time\_hr.
- Counting & market share by Manufacturer and Country\_of\_Manufacture.
- Correlating Safety\_Rating, Autonomous\_Level with Price\_USD and sales.
- Ranking by Units\_Sold\_2024; profile top sellers.