

Canada EV Data 2024

Data Analysis Project

Data Analyst: Olivia Catroppa

Client/Sponsor: N/A

Purpose:

Write a brief description of why this project is happening below. Why is this project happening? What are the goals?

The purpose of this project is to discover patterns in how sales of EVs have changed in Canada over the last 12 years and determine which EV type (mode and powertrain) is the most preferable to Canadians in 2024.

Scope / Major Project Activities:

What are the major parts of this project? List out the high-level steps, activities, or stages of the project, and give a brief description for each.

Activity	Description
Data Cleaning	Original dataset is mined and refined to only include relevant data
Data Analysis	Insights uncovered within data via various forms of spreadsheet analysis (formulas)
Drawing Conclusions	Once data is refined and collected in the analysis, results can be observed and conclusions drawn in order to address the original problem in question.
Generating Visuals	Create charts and graphs to further communicate drawn conclusions.
Deliver Report	PDF report of written analysis along with visualizations to be presented.

This project does not include:

Specify the things that this project isn't responsible for doing (out of scope). For instance, "this project does not involve a summation of 2019 data analysis"

- Project does not include a Cost Analysis of EVs
- Does not include data from the current year (2024)
- Analysis is on an overall Federal level, not local, municipal, provincial, etc.

Deliverables:

A specific list of things that your project will deliver.

Deliverable	Description/ Details
Written Report with Visualizations	Clearly detailed written report accompanying visual representations of data in the form of a PDF.
Refined Spreadsheet Data	Copy of cleaned, filtered, and visually pleasing dataset on which the report is based.

Schedule Overview / Major Milestones:

The expected schedule for the project. This can be defined by milestones (e.g. "all data is cleaned and processed"), periods of time ("Week 1 / Week 2"), or other ways based on the needs of the project.

Milestone	Expected Completion Date	Description/Details
Data is Ready to Use	Day 1	Data has been cleaned and refined to pertinent use, ready for analysis
Analysis Completion	Day 1	Data has been analyzed in order to answer initial problem, insights revealed
Analysis Refinement	Day 2	Analysis results are further cleaned up and synthesized into communicable results
Visualizations and Report	Days 2-3	Appropriate charts and graphs are generated to communicate results, along with written insights accompanied in the Report

<i>Present Report</i>	<i>Day 4</i>	<i>Final report delivered</i>
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*Estimated date for completion:

This is my "if all goes well and I have everything I need, this is when I'll be done" date.

Tasks to be completed within a 4-day timeframe.