



INTRODUCTON TO INTERNET AND WEB

Final Project

EV Battery Explorer Website

KHULANGOO 202455472





Overview

PROJECT NAME:

EV Battery Explorer

PURPOSE:

- Help users learn about battery types
 - Show pros/cons, applications, and sample EVs
-

Technology



HTML

For page structure



MongoDB

To store EV data for each
battery type



Css

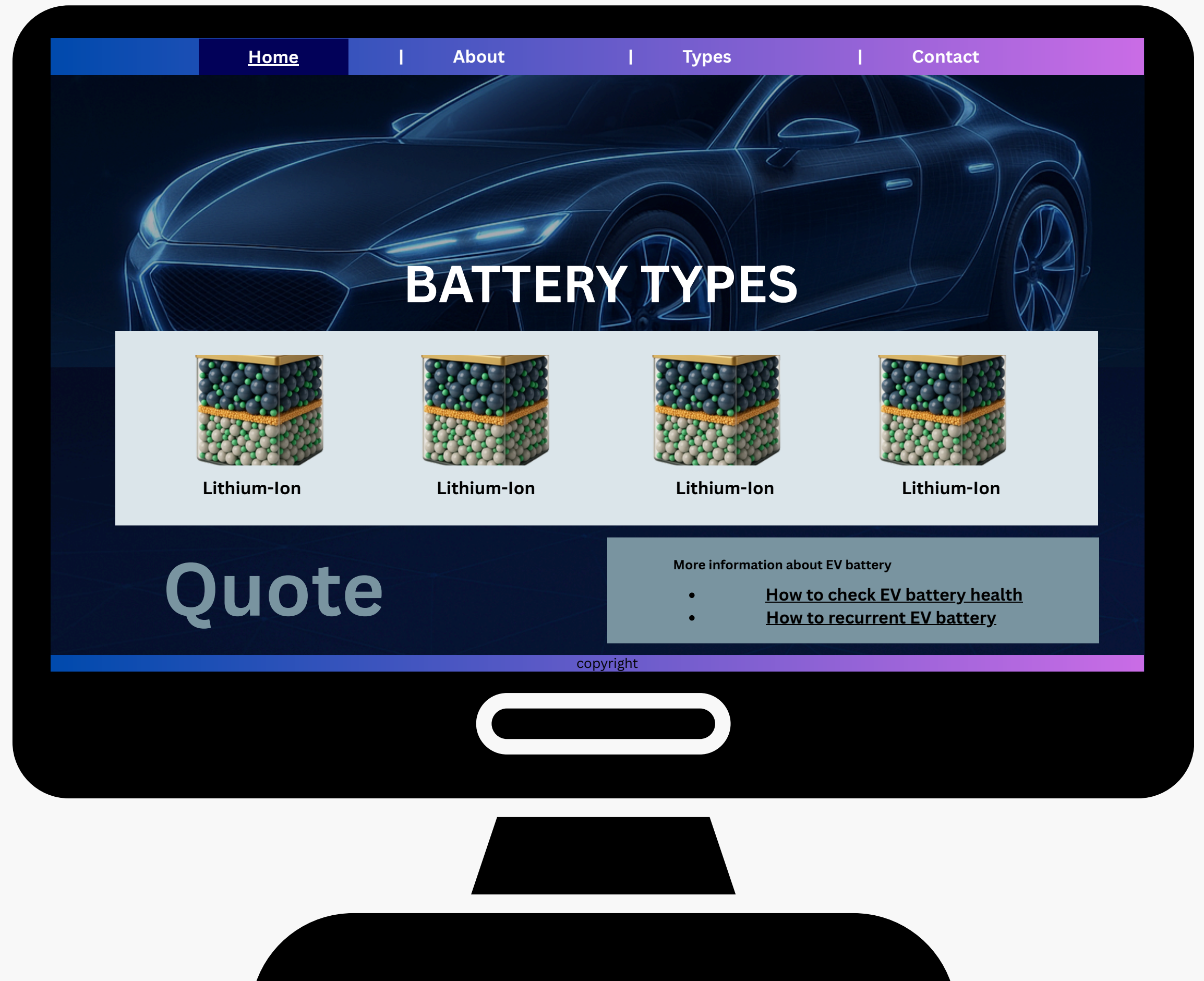
For styling and layout



JavaScript

For dynamic user
interactions

Homepage

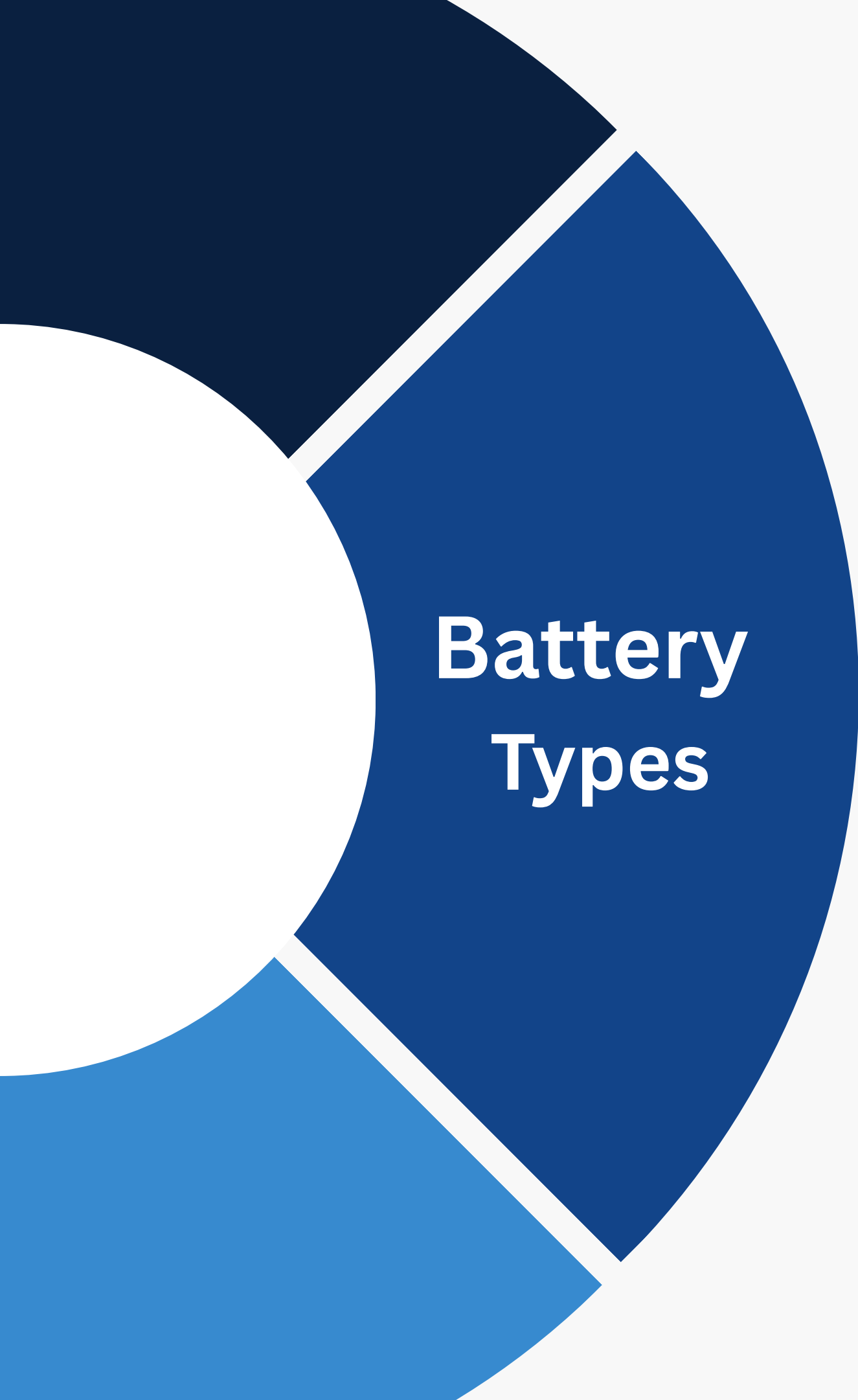




Product Catalog

Contents:

- What is it (text)
 - How it works (text)
 - Applications (text)
 - Related electric vehicle (linked list)
 - Pros and cons (table)
 - Picture
-



Battery Types

Lithium-Ion

Solid-State

Nickel-Metal Hydride

Lead-Acid

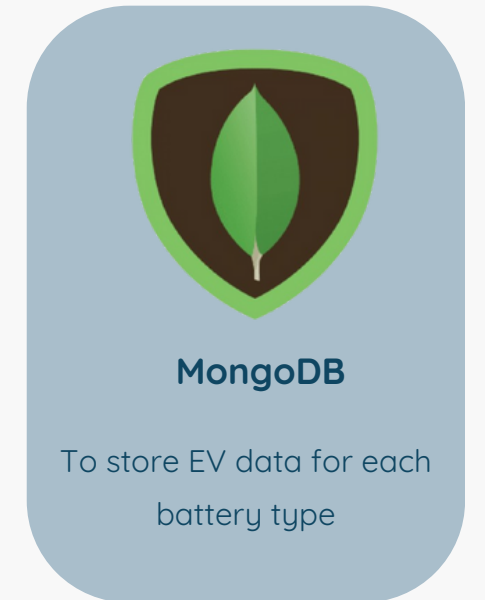
Ultracapacitors

Lithium Iron Phosphate

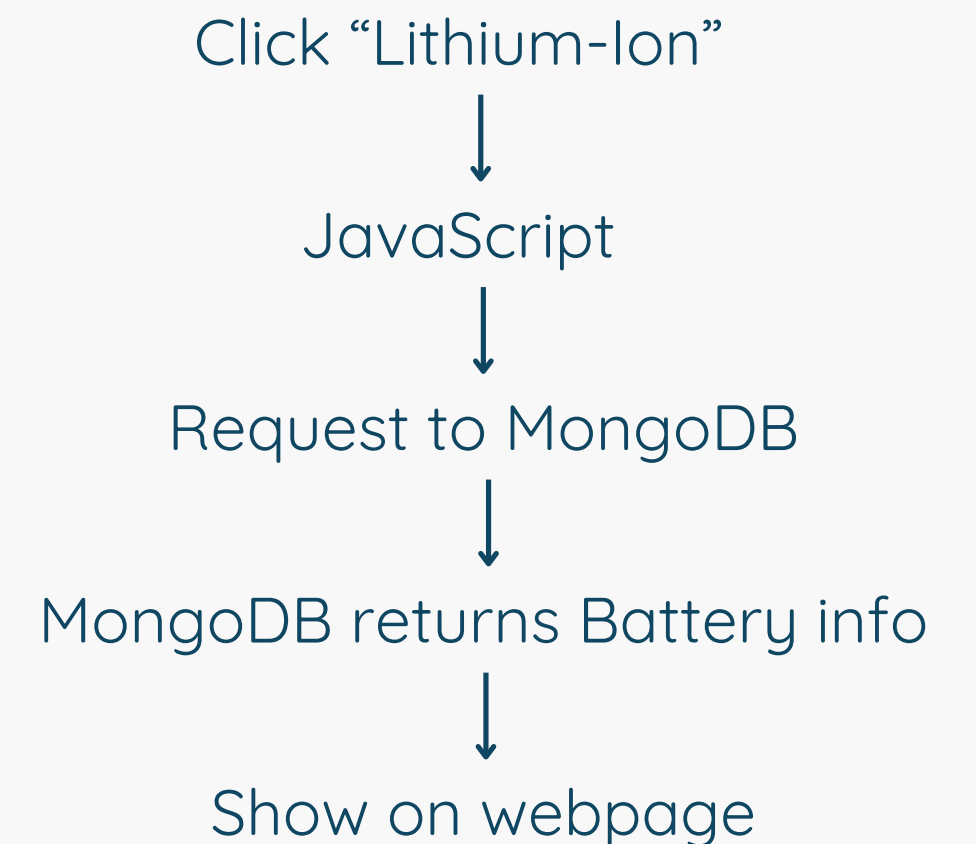
MongoDB

What is MongoDB?

“MongoDB is an open-source document-oriented database that is designed to store a large scale of data and allows us to work with that data efficiently” (geeksforgeeks.org)



```
{  
  "type": "Lithium-Ion",  
  "applications":["EVs", "Phones"],  
  "pros": ["High energy", "Lightweight"],  
  "cons":["Expensive", "Degrades over time"]  
}
```





Thank you

