**Project Documentation (README.md)**

Your README.md file should guide the evaluators on how to run your project, understand the code, and evaluate your solution. Here's a detailed outline for your README:

**Project Title**

Inventory Dashboard - Full-Stack Web Developer Technical Exam

**Description**

This project is a full-stack application that displays an inventory dashboard for vehicles. It includes features such as filtering by make and date, computing aggregate statistics (e.g., average MSRP), and displaying recent data. The application uses React for the frontend, Redux Toolkit for state management, and Express.js for the backend.

**Features**

* View recent inventory data.
* Aggregate statistics for **New**, **Used**, and **CPO (Certified Pre-Owned)** vehicles, including:
  + Inventory Count
  + Total MSRP
  + Average MSRP
* Filter data by:
  + **Vehicle Make**
  + **Duration** (e.g., last 3 months, this year, etc.).
* Display a history log of all inventory data.

**Tech Stack**

* **Frontend:** React, Redux Toolkit, Tailwind CSS, Axios
* **Backend:** Express.js, Node.js
* **CSV Parsing:** csv-parser
* **Frontend Deployment:** Netlify/Vercel
* **Backend Deployment:** Render/Heroku

#### ****API Documentation****

**Base URL:** http://localhost:5000

* **GET /api/inventory**
  + **Description:** Retrieves inventory data with optional filters.
  + **Query Parameters:**
    - make (optional): Filter by vehicle make (e.g., Toyota, Ford).
    - duration (optional): Filter by duration (e.g., last-3-months, this-year).

#### ****Testing Instructions****

* Run the backend using npm start in the backend directory.
* Run the frontend using npm start in the frontend directory.
* Access the app at http://localhost:3000.
* Use the filters on the dashboard to test the functionality.

#### ****Time Spent****

* Total development time: 6 hours 30 minutes.