**Dashboard Setup Instructions**

Introduction

This document provides instructions for setting up and running the data visualization dashboard developed using the MERN stack.

Folder Structure

The project folder consists of two subfolders:

1. Frontend: Contains the frontend codebase.
2. Backend: Contains the backend codebase

Prerequisites

* Node.js installed on your system

Setup Instructions

**Frontend Setup**

1. Navigate to the Frontend folder in your terminal.
2. Run the following command to install the necessary dependencies:

npm install

1. Once the dependencies are installed, start the development server by running:

npm run dev

**Backend Setup**

1. Navigate to the Backend folder in your terminal.
2. Run the following command to install the necessary dependencies:

npm install

1. After installing dependencies, no need to configure MongoDB since the project is using MongoDB Atlas, link is available in index.js in the Backend folder.
2. Start the backend server by running:

node index.js

Technologies Used

**Backend**

Node.js: Runtime environment for JavaScript.

1. Express.js: Web application framework for Node.js.
2. MongoDB Atlas (Mongoose): Database for storing data.
3. cors package: Handling Cross-Origin Resource Sharing (CORS) errors.
4. MVC Architecture: Model-View-Controller architecture for organizing codebase.

**Frontend**

1. React: JavaScript library for building user interfaces.
2. Redux Toolkit: State management library for React applications.
3. Recharts: Charting library for visualizing data.
4. Tailwind CSS: Utility-first CSS framework for styling.