Project Libraries

Client-Side Libraries

1. **Framer Motion**: For adding animations to React components.
2. **Lucide-React**: Provides access to a wide variety of icons.
3. **TailwindCSS**: Utility-first CSS framework for styling.
4. **Recharts**: For creating interactive charts.
5. **React & React-DOM**: Core libraries for building user interfaces.
6. **Web Vitals**: Provides essential performance metrics.

Development Libraries

1. **Autoprefixer**: Adds vendor prefixes to CSS rules.
2. **PostCSS**: Transforms CSS with JavaScript.
3. **TailwindCSS**: Additional utility for styling during development.

Server-Side Libraries

1. **Express**: Web framework for building server-side applications.
2. **CSV-Parser**: Reads and processes CSV files.
3. **Cors**: Enables cross-origin resource sharing.
4. **Path**: Handles and transforms file paths.
5. **FS (File System)**: Provides file I/O operations.

Scripts

- **Start Development Server:** `npm start`
- **Build Production:** `npm run build`
- **Run Tests:** `npm run test`