Project Overview

Project Name: ADmyBRAND Insights – AI-Powered Analytics Dashboard

Repository: analytics-dashboard

Deployment: Live Demo

Objective

To build a modern, visually rich, and responsive analytics dashboard using AI-assisted tools to accelerate development, solve bugs, and enhance design quality.

AI Tools and Platforms Used

- ChatGPT (GPT-4o) - Generated reusable React components

- Debugged layout issues

- Wrote code for charts, real-time updates, and scroll behavior

- Drafted README and UI design suggestions

- OpenAI Codex (via ChatGPT) - Helped implement logic like setInterval updates and scroll-to-top behavior

Specific AI-Assisted Contributions

Feature AI Contribution

- Chart Background Customization Generated plugin logic for setting black background on Chart.js graphs
- Real-time Data Simulation Wrote logic using setInterval() for fake live updates
- Navbar Scroll-to-Top Provided scrollToTop logic using window.scrollTo(0,0) and useEffect
- Component Modularity Suggested reusable file/folder structure for better code maintainability
- README.md Drafting Created complete structure and content for project documentation

Benefits of Using AI

- Faster Development: Saved hours of time by generating clean, functional React code quickly.

- Bug Fixing: Helped troubleshoot rendering and scrolling issues.

- Documentation Aid: Accelerated creation of a detailed and well-structured README.

- Design Support: Suggested UI layout approaches to maintain a modern look.

AI Involvement Declaration

All AI-generated suggestions were:

- Reviewed and manually integrated into the project.

- Used to speed up prototyping and improve development experience.

- Applied ethically with full acknowledgment of human oversight and editing.