

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.