AI Usage Report

AI Tools Used

- **Primary tools**: Gemini, Cursor IDE, GitHub Copilot, ChatGPT and Replit.

- **Key use cases**: My workflow began with Gemini for planning. For development, Cursor IDE and GitHub Copilot handled real-time code generation, while Replit served as the primary environment for major development cycles and deployment.

Sample Prompts

1. "I want to build an AI-Powered Analytics Dashboard with complete and working details. Create the entire UI based on the reference image for UI I've provided. It must include dark/white mode, dynamic data, and PDF generation. Use the supplied brand logo and name image throughout."

2. "The exported PDF is giving me a text file; I want a properly styled PDF with the correct brand name and all relevant data. Also, why are the charts blank and the data not changing dynamically? Please fix this."

3. "The Campaigns page requires a data table with sorting, filtering, pagination, and advanced date range filters. Ensure the design is fully responsive and add beautiful loading skeletons for a better user experience."

AI vs Manual Work Split

This project was overwhelmingly AI-led, with my role shifting from a traditional developer to an AI director and quality assurance specialist.

- **AI-Generated (approx. 85%)**: The AI stack handled the vast majority of work, generating the end-to-end application, including architecture, all responsive components, complex features like interactive data tables, and the logic for PDF generation. It also performed initial debugging based on my corrective prompts.

- **Manual Work (approx. 15%)**: My manual contribution was purely supervisory. I focused on crafting detailed initial prompts and providing strategic direction. The remaining effort involved final quality assurance and making minor, pixel-perfect CSS adjustments that were too nuanced for the AI, essentially guiding and polishing the final product.