AI Dashboard Design

By MOHD AMAN

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Introduction

Hello! My name is Mohd Aman and I'm excited to present my AI Dashboard Design project, where I had the opportunity to create a visually appealing and user-friendly user interface for an AI product's dashboard. This project focused on providing insights and control over the AI model's performance and functionality.

Project Overview

The main goal of this project was to design a dashboard that empowers users to monitor and manage an AI model effectively. The dashboard features different sections, each catering to specific functionalities, including Dashboard Overview, Performance Trends, Control Panel, and Real-time Insights.

Design Approach

- **Dashboard Overview**
- **Performance Trends**
- **Control Panel**
- **Real-time Insights**

Dashboard Overview

The dashboard's landing page provides a comprehensive overview of key performance metrics, such as accuracy, processing speed, and resource utilization. Each metric is presented in a visually engaging card format, making it easy for users to quickly understand the AI model's status.

Performance Trends

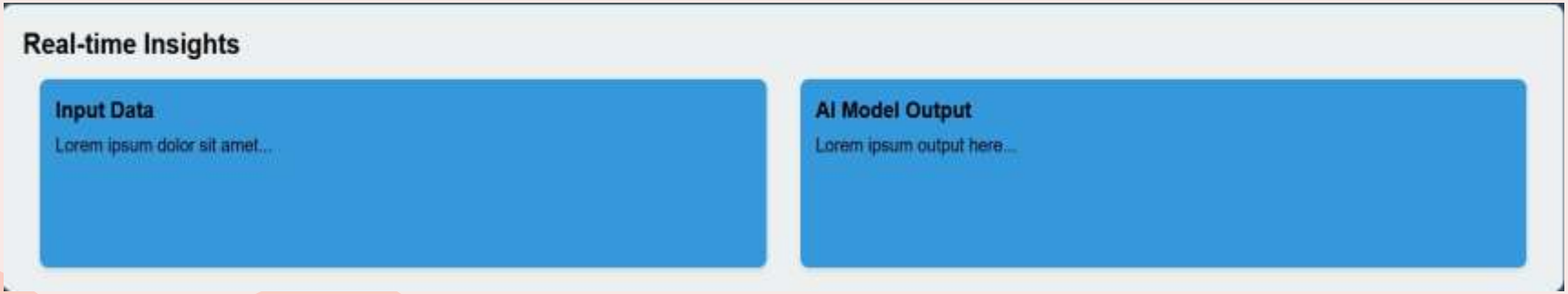
To monitor the AI model's historical performance, a dedicated section displays a dynamic chart illustrating performance trends over time. Although the chart is represented as a simple example in my project, it could be enhanced using charting libraries like Chart.js or D3.js for more accurate and interactive data visualization.

Control Panel

This section offers users the ability to adjust settings like sensitivity and resource allocation. Interactive sliders allow users to fine-tune these settings, and real-time value updates help them understand the impact of their adjustments.

Real-time Insights

The real-time insights section showcases the flow of data through the AI model, displaying both input data and AI model output. This provides users with a clear understanding of how the model is processing data in real-time.



Technical Implementation

I utilized HTML, CSS, and JavaScript to create the dashboard's layout, style its components, and add interactivity. The HTML structure followed a modular approach, with each section having its own distinct structure. CSS styling was carefully crafted to ensure a visually cohesive and appealing design, while JavaScript was used to add dynamic behavior such as real-time value updates and interaction.

Key Features

- Responsive design to ensure a seamless experience across different screen sizes.
- Visually pleasing color scheme and typography for a modern and professional appearance.
- Interactive elements, such as sliders and dropdowns, to enhance user engagement.
- Efficient use of space to present information clearly and minimize clutter.

Conclusion

Designing the AI Dashboard was an exciting journey that allowed me to combine my skills in UI/UX design and front-end development. The resulting dashboard offers users a visually appealing and intuitive interface to monitor, control, and gain insights into the AI model's performance.

Thank you for taking the time to review my AI Dashboard Design project.

Project GitHub repository: https://github.com/Mohdaman01/UI-UX

LIVE: https://mohdaman01.github.io/UI-UX/