⚙ Control Panel

Configure model parameters and view analytics

🖥 Navigation

- 🏠 Home
- 📊 Data Analysis
- ⚙ Model Training
- ✨ Prediction
- ⓘ About

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[View Source Code on GitHub](#)

Made with ❤️ by Shiv Sharan

Student Performance Analytics

Advanced prediction platform with ML ensemble techniques

About Student Performance Analytics

Project Overview

Student Performance Analytics is an advanced machine learning platform designed to help educators and students predict and improve academic performance. The platform utilizes multiple machine learning models, interactive data visualization, and personalized recommendations to provide a comprehensive solution for educational analytics.

Technical Details 🔗

- **Frontend**: Streamlit, HTML, CSS
- **Backend**: Python
- **ML Libraries**: scikit-learn, XGBoost, SHAP
- **Data Visualization**: Plotly, Matplotlib, Seaborn
- **Data Processing**: Pandas, NumPy

Data Sources

The dataset used in this application includes student performance metrics collected from various educational institutions. The data has been anonymized to protect student privacy.

About the Creator

This application was developed by [Your Name], a data scientist and educator passionate about using machine learning to improve educational outcomes. For more information, please visit [your website/LinkedIn profile].

Acknowledgements

Special thanks to all the educators and students who contributed to this project by providing feedback and suggestions for improvement.

Contact

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