Controls

🎲 Generate Random Student

Random student generated

Student Performance Prediction Dashboard

This model predicts a student's Math Score based on demographic attributes and academic indicators.

Model Information

Model Type: Random Forest Regressor
Problem Type: Regression
Prediction Target: Math Score

Random Forest is an ensemble learning method that combines multiple decision trees to improve prediction stability and reduce variance.

Student Profile

	parental level of education	lunch	test preparation course	math score	reading score	writing score
768	some high school	standard	none	68	71	75

Predicted Math Score

Estimated Math Score: 67.49