Analyzing Factors Affecting Student Performance

Exploring Study Habits, Lifestyle, and Academic Success

Problem Statement

What factors contribute most to student academic performance? This project examines the impact of study habits, sleep, attendance, and other lifestyle choices on student success.

Dataset

Dataset: StudentPerformanceFactors.csv

Key Features: Study Time, Sleep Hours, Attendance, Previous Scores, Tutoring Sessions, Motivation Level.

Expected Insights

- Identify which factors have the strongest impact on student performance.
- Determine correlations between study habits, lifestyle choices, and academic success.
- Provide insights that could help students improve their learning strategies.

Why This Project?

- Helps students and educators understand key success factors.
- Provides actionable insights to improve student learning strategies.