**The Brief:**

**Education/Student Performance Analytics Challenge 31**  
  
Educational performance data provides a powerful lens into student achievement, teaching effectiveness, and the impact of the curriculum. By examining assessment results, grades, and progress metrics, schools and educators can gain a deeper understanding of learning trends, identify students at risk, and recognize top achievers. This challenge invites participants to dive deep into a comprehensive dataset that tracks student scores, assessment outcomes, and course results across subjects and time periods. Your task: uncover patterns, disparities, and actionable insights that can drive positive changes in the educational journey.

**Questions to guide your Analysis:**

* Which months show the highest and lowest total student assessment scores in the academic year?
* What percentage of all student assessments were passed, and how has this rate changed over time?
* How does the average score differ across subjects in the most recent semester?
* Which students have achieved the top three highest overall weighted averages this year?
* Are there subjects or assessments where students are consistently earning below-average scores?
* What is the distribution of final grades across all students, and which grade occurs most frequently?
* Which teachers have the highest average student weighted scores, and how do they compare to the overall average?
* Is there any pattern for students who did not pass (e.g., by subject, assessment type, or period)?
* How often do students achieve perfect scores on assessments, and in which subjects does this most commonly occur?
* For a selected student, how have their scores and weighted averages changed throughout the year?

**Note: These questions are just starting points. You are encouraged to explore the data in your own way and share any unexpected findings that could help drive positive change in the educational system.**