

Data-Driven Analysis of Study Habits, Teaching Methods and Resource Utilization

3.07

Average Study Hour

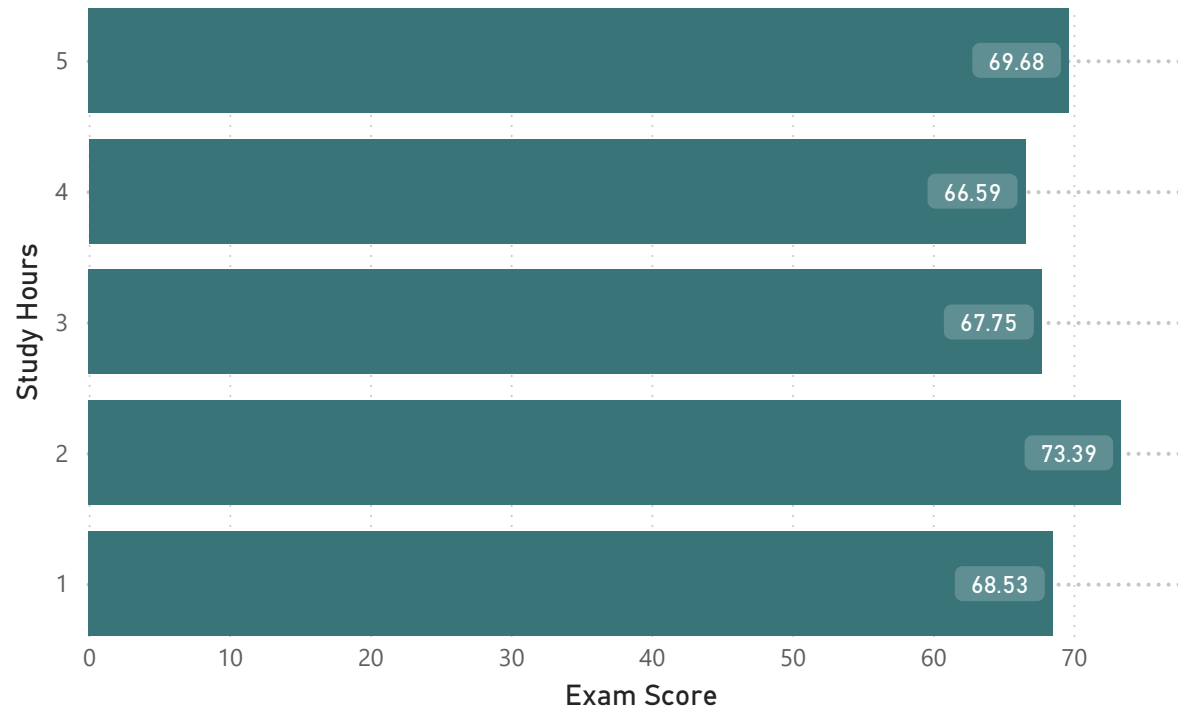
503

Total No. of Students

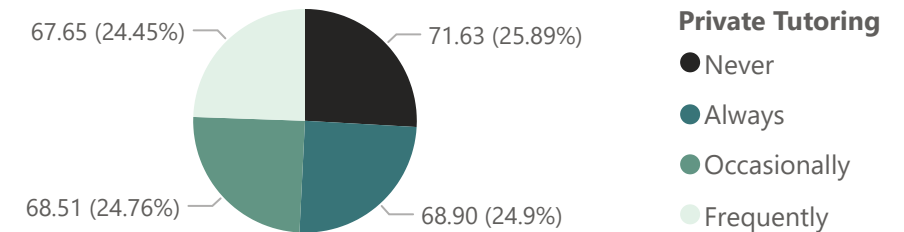
69.12

Average Exam Score

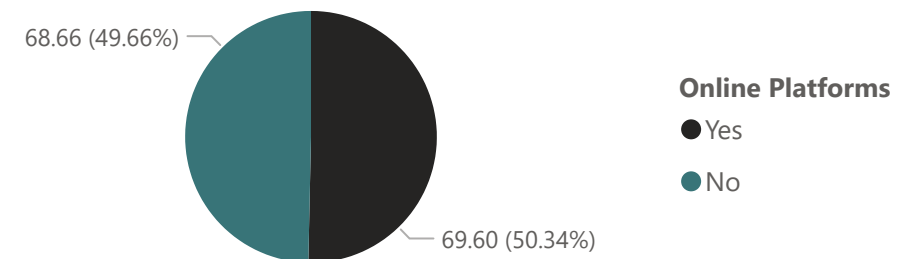
Average Exam Score by Study Hours



Average Exam Score by Private Tutoring

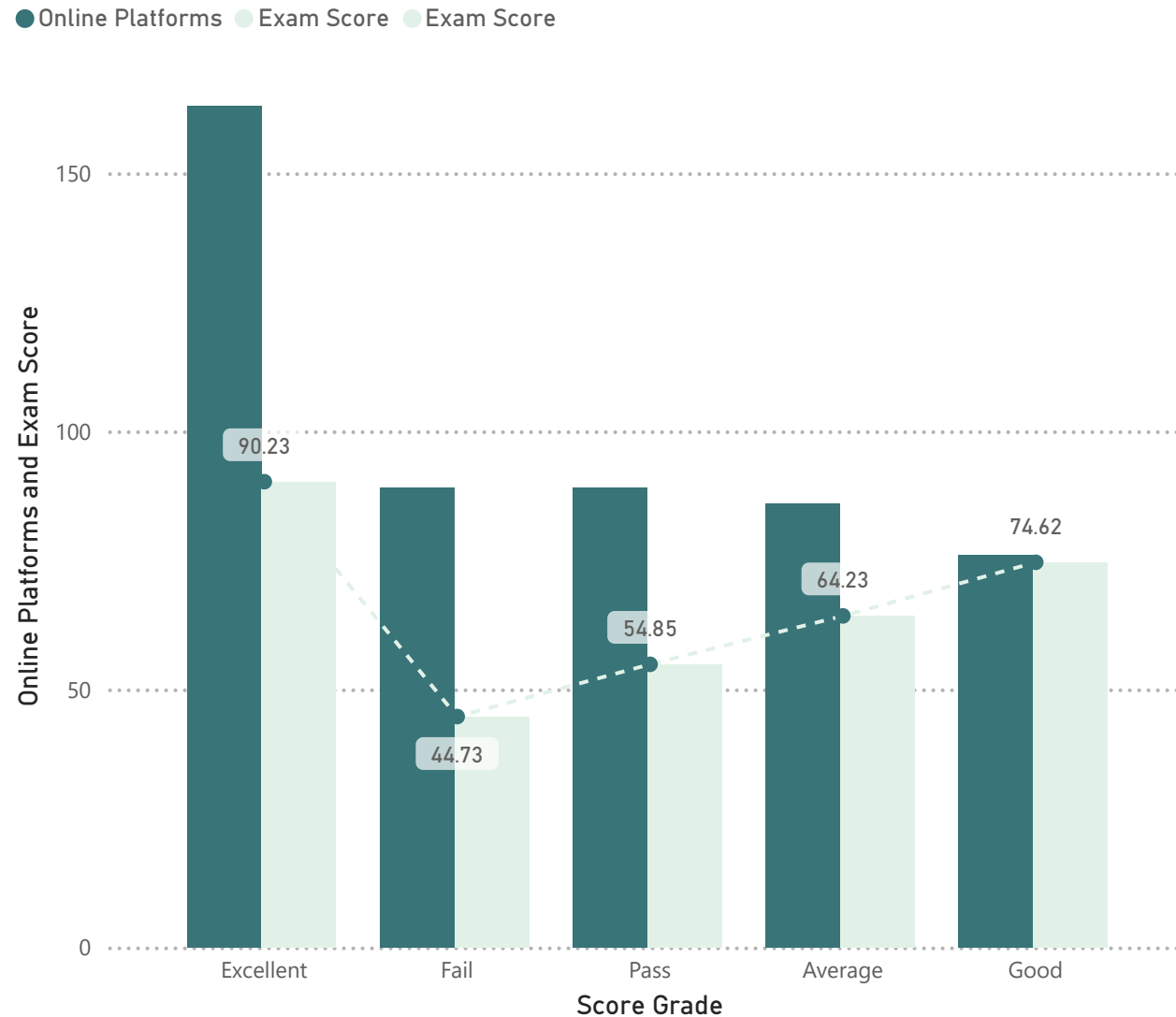


Average Exam Score by Online Platform

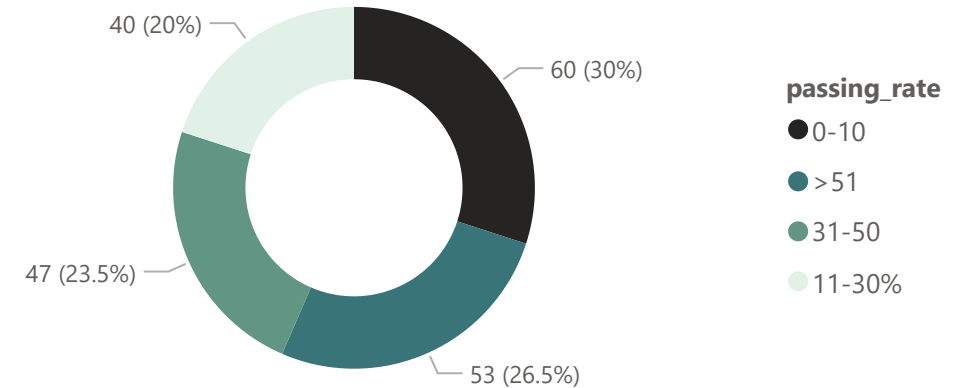


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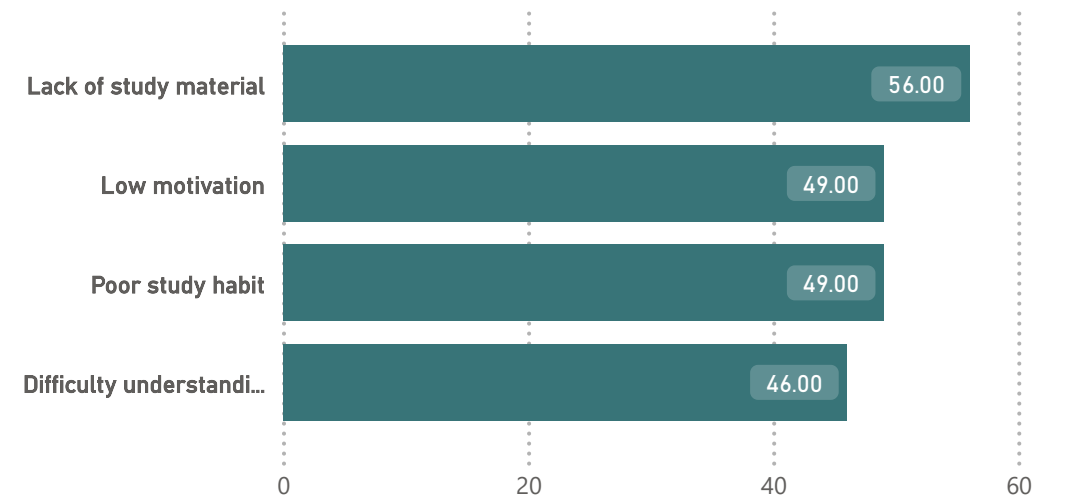
Online Platforms and Average exam Score by Score Grade



Effects of Learning Materials on Passing Rate



Top Challenges



Data-Driven Analysis of Study Habits, Teaching Methods and Resources Allocation

Recommendations to Mitigate Student Failures in WASSCE and JAMB

1. Enhanced Access to Online Learning Platforms

- **Action:** Schools want to collaborate more with educational technology companies to provide students with free or subsidized access to quality online learning platforms.
- **AI Integration:** Use AI algorithms to personalize learning experiences based on student performance and preferences, ensuring tailored resources and support.

1. Structured Tutoring Programs

- **Action:** Develop structured tutoring programs in schools, focusing on key subjects where students struggle the most.
- **AI Integration:** Implement AI-driven analytics to identify students' specific learning needs and to schedule targeted tutoring sessions accordingly.

1. Regular Performance Tracking and Feedback

- **Action:** Establish a regular tracking system to monitor students' performance over time and provide feedback.
- **AI Integration:** Implement AI tools that analyze performance data to predict future outcomes and suggest intervention strategies.

1. Mental Health and Well-being Support

- **Action:** Provide mental health resources and counseling for students to address anxiety and stress associated with exams.
- **AI Integration:** Use AI-driven applications to offer students anonymous mental health support and resources tailored to their needs.

1. Student Empowerment and Engagement

- **Action:** Foster a student-led environment where learners can participate in discussions about their educational challenges and successes.
- **AI Integration:** Use AI sentiment analysis to gather feedback from students about their learning experiences and adjust programs based on their input.