



TUTERO STUDENT ENGAGEMENT & SATISFACTION ANALYSIS REPORT

Prepared By: Eze Stanley Chike

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Professional Background

◆ Data Analyst Intern



*Specializing in Student Engagement,
Satisfaction & Performance Analysis*





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Project Description

Project Description:

The TUTERO Student Engagement & Satisfaction Analysis project focuses on analyzing student engagement, homework completion, satisfaction scores, and improvement trends using data from the Enhanced TUTERO Hypothetical Dataset. The goal is to extract actionable insights that will help optimize personalized tutoring services, improve student outcomes, and align parent expectations with student progress.

This project involves:

1. **Data Cleaning & Preparation:** Ensuring dataset accuracy, handling missing values, and formatting data for analysis.
2. **Exploratory Data Analysis (EDA):** Identifying trends and patterns related to student engagement, homework completion, and satisfaction metrics.
3. **Statistical Analysis & Visualization:** Using Excel to generate Pivot Tables, charts, and key metrics to uncover insights.
4. **Recommendations & Reporting:** Summarizing findings in a structured report with actionable suggestions to enhance tutoring strategies.





Key Questions

- 1 What factors influence student session attendance and engagement?
- 2 How do homework completion rates vary across subjects and tutors?
- 3 What key factors drive student satisfaction with tutoring sessions?
- 4 How do parent satisfaction scores compare to student satisfaction, and what causes the differences?
- 5 What factors contribute to student improvement, and how does attendance impact progress?

Findings & Insights



Summary of Key Findings

Pre- & Post-Tutoring Scores

Students who attended more sessions showed significant score improvements between pre- and post-tutoring assessments, highlighting the effectiveness of consistent tutoring.

Student Engagement

One-on-One sessions drive higher attendance; students who complete homework attend more sessions.

Homework Completion

Math & Science have lower completion rates; experienced tutors improve homework submission.

Student Satisfaction

45-60 min sessions receive the best ratings; tutor experience significantly boosts satisfaction.

Student Improvement

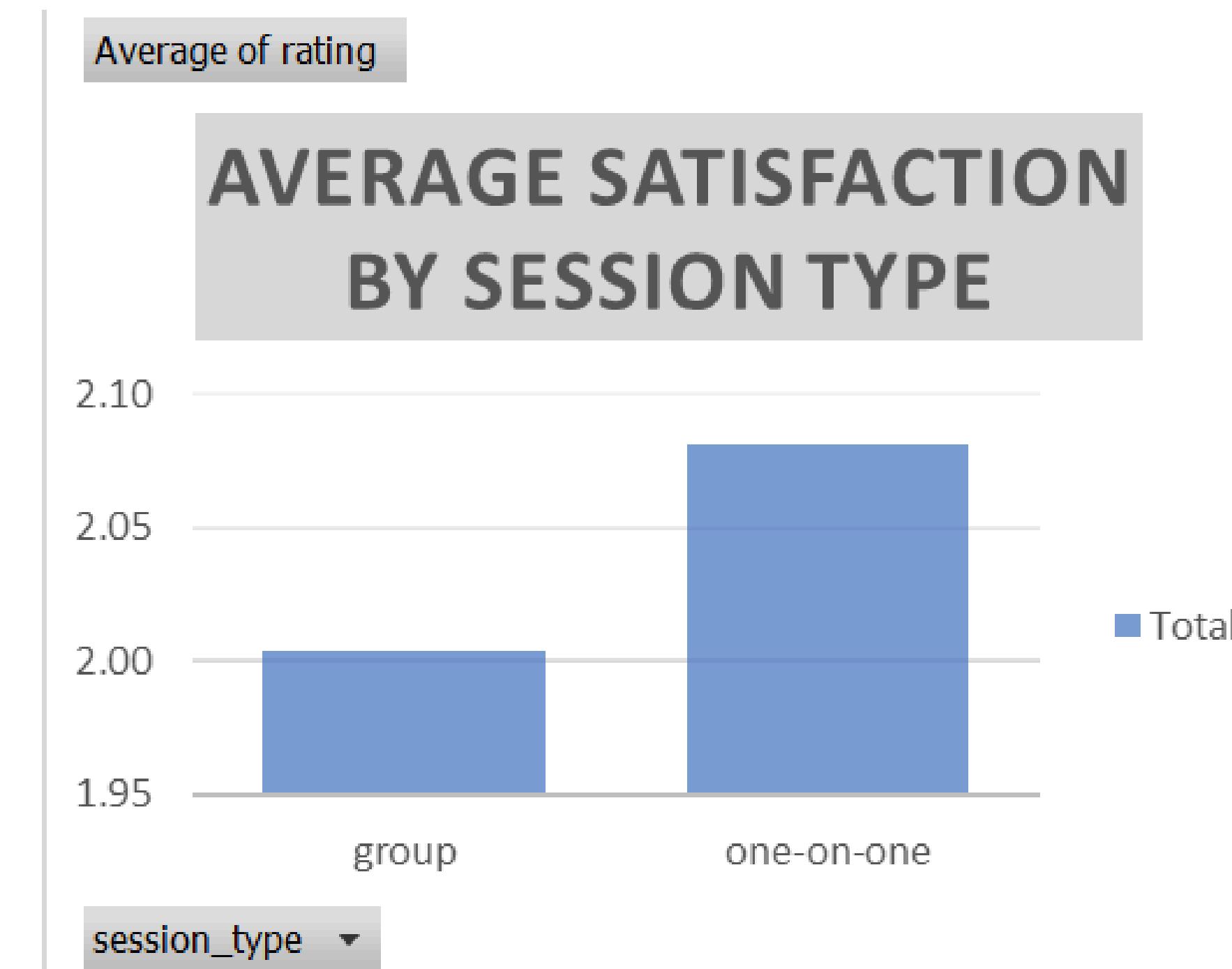
Frequent sessions and experienced tutors lead to better academic performance.



FINDINGS #1

1

Student Engagement

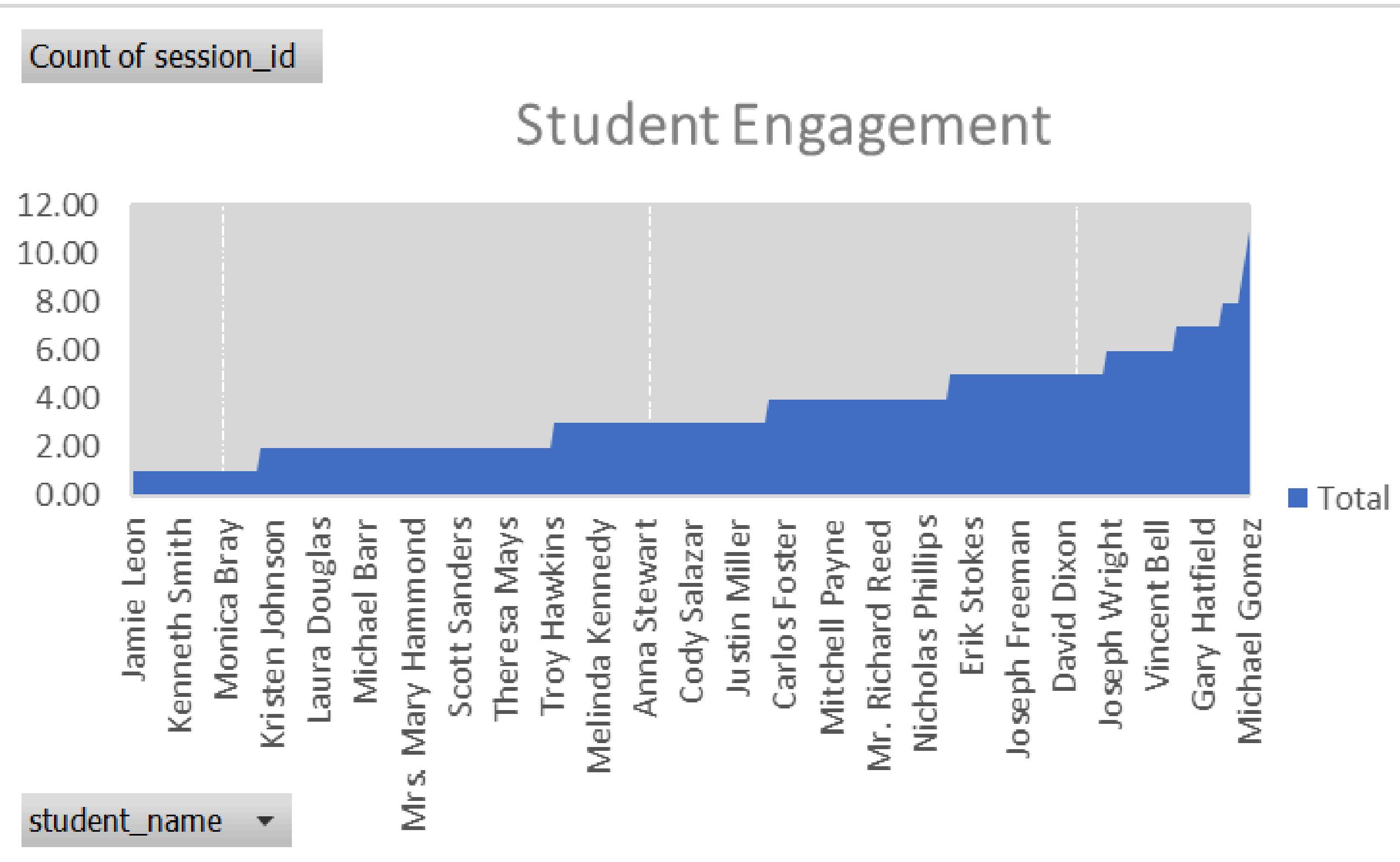




FINDING #2

2

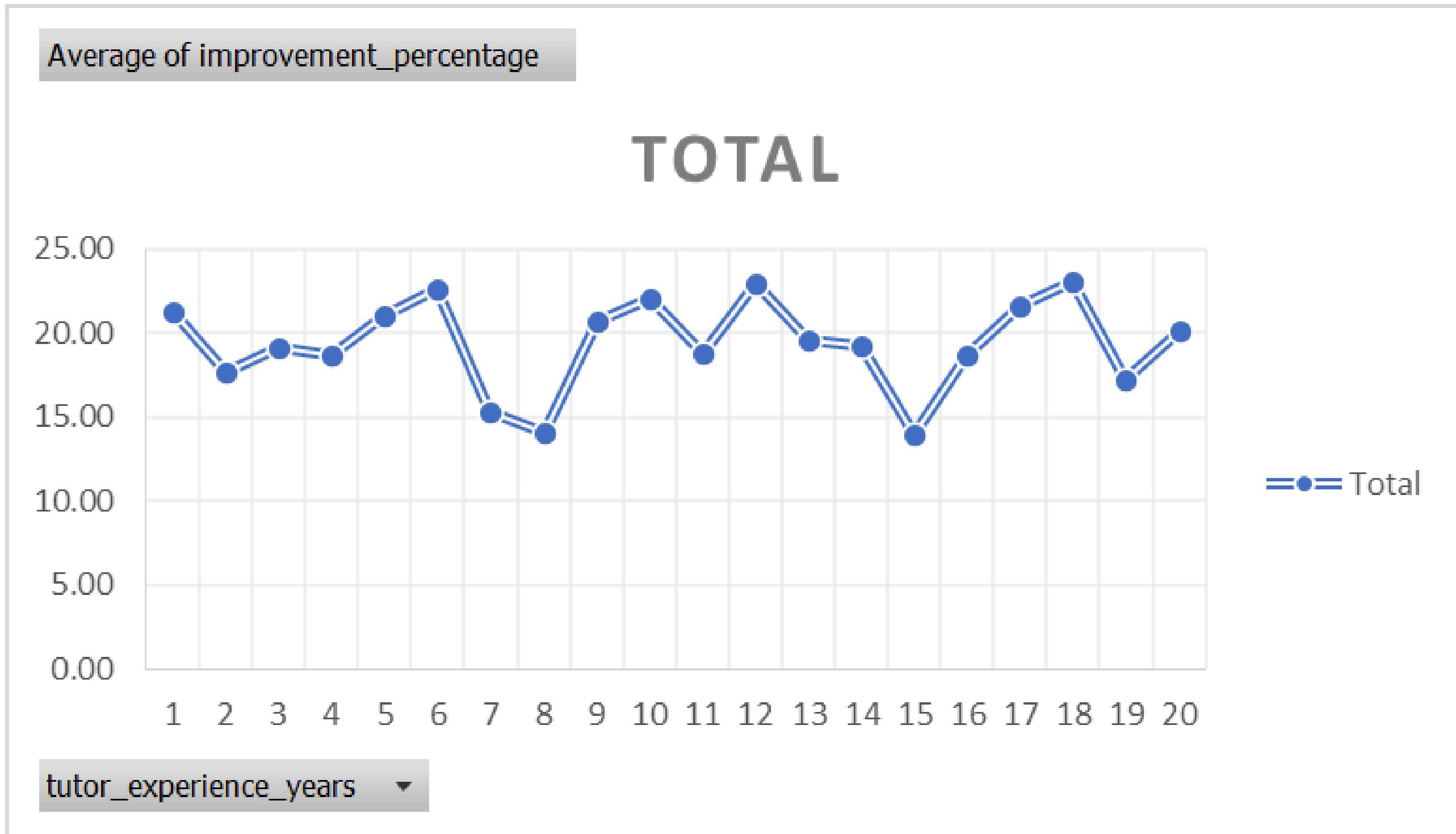
Homework Completion





FINDING #3

③ Student Satisfaction



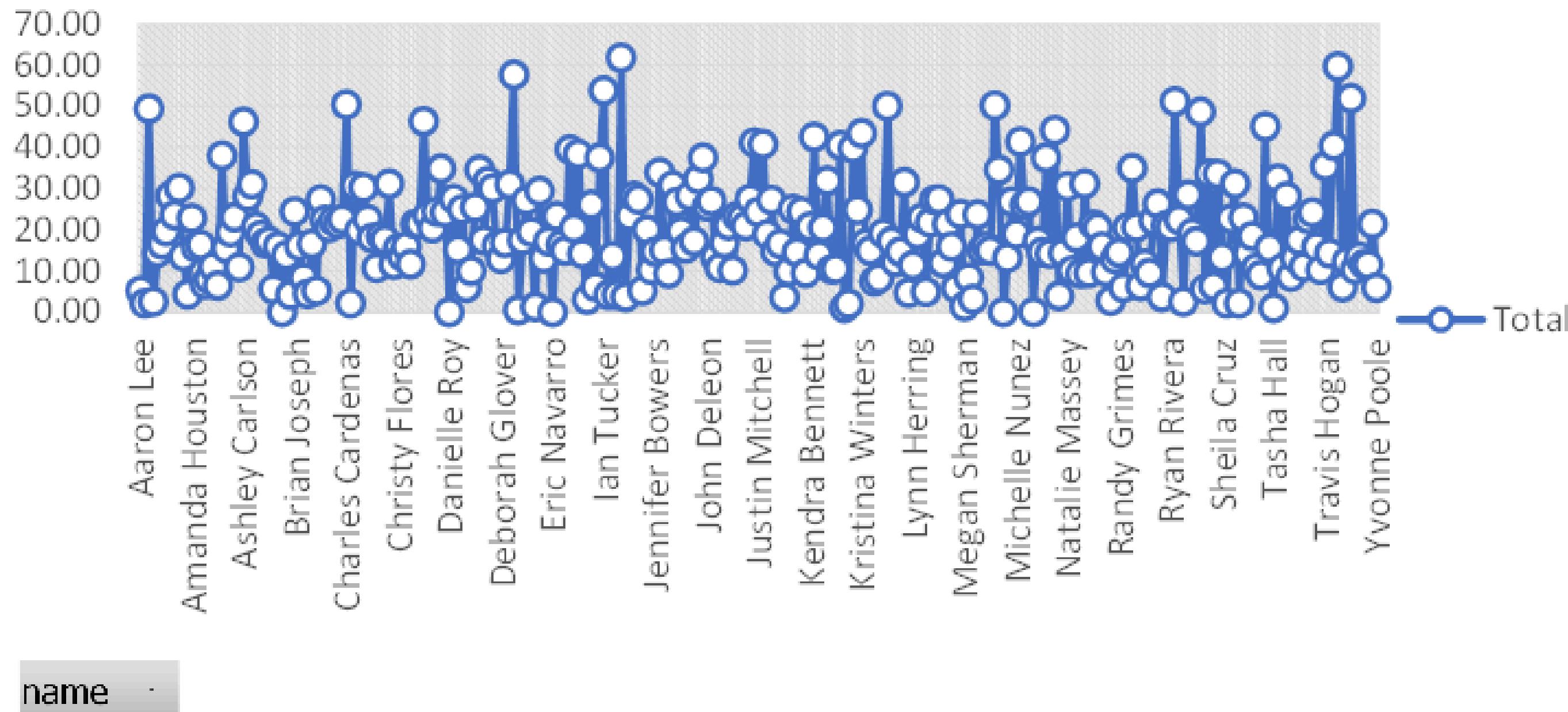
FINDING #4



4 Student Improvement

Average of improvement_percentage

Total





FINDING #5

5

Pre- & Post-Tutoring Scores



A photograph of a diverse group of young people sitting together outdoors. In the foreground, a person with long hair and a plaid shirt is looking down at an open book. Behind them, a man wearing a purple baseball cap looks directly at the camera. Other individuals are partially visible, including a person in a blue jacket and another in a red shirt. The scene is set against a backdrop of trees and a clear sky.

Recommendations & Conclusion



Recommended Actions

1

Increase One-on-One Tutoring Sessions –

Prioritize One-on-One sessions over group sessions to improve student engagement and attendance rates.

2

Implement Targeted Support for Difficult Subjects –

Provide additional tutoring resources for Math & Science and assign experienced tutors to struggling students to boost homework completion and academic performance.

3

Optimize Session Length & Tutor Training –

Standardize sessions to 45-60 minutes and provide additional training for less experienced tutors to enhance student satisfaction and learning outcomes.



Conclusion

The analysis of Tutero's student engagement and satisfaction data provides clear insights into factors that drive better learning outcomes. One-on-one tutoring, experienced tutors, and structured session lengths significantly impact student engagement, homework completion, and satisfaction levels.

Additionally, students who attend more sessions demonstrate notable improvements in their pre- and post-tutoring scores, reinforcing the effectiveness of consistent tutoring.

To enhance Tuteror's personalized tutoring services, the following key actions are recommended:

- Increase One-on-One tutoring to drive engagement.
- Provide targeted support for difficult subjects like Math & Science.
- Standardize session lengths (45-60 minutes) and improve tutor training.

Implementing these strategies will help optimize student learning experiences, improve academic performance, and increase overall satisfaction levels among both students and tutors.

Thank you!

