

# Bias Detection Report

## Bias Detection Report

1. Bias Type: Correlation

2. Relevant Features: 'paid' (attending extra paid classes), 'G3' (final grades)

3. Bias Level: Level 1

4. Explanation: The analysis shows a Cohen's d effect size of approximately 0.208, which falls under Level 1. This indicates that there is no significant correlation between attending extra paid classes and the final grades. The impact of paid classes on academic success is minimal, suggesting that other factors might play a more significant role in determining final grades.

5. Additional Explanation: The Cohen's d value of 0.208 is below the threshold of 0.25, which is considered the minimum for a small effect size. This means that the difference in final grades between students who attended extra paid classes and those who did not is negligible. Therefore, attending extra paid classes does not appear to have a noticeable impact on academic success in this dataset.