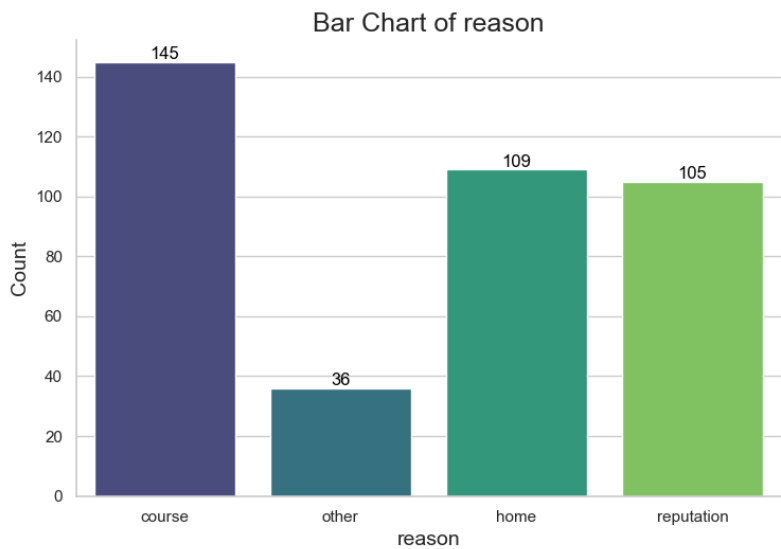


Bias Detection Report

This report analyzes the distribution bias in the reasons students choose their schools, based on the 'reason' feature in the dataset.



The analysis utilized Shannon Entropy, Balance Metric, Gini Index, Max/Min Ratio, and Relative Risk to assess the distribution of reasons. The findings indicated a minimal to moderate bias, with

'course' being a more prominent reason compared to others.

Bias Levels:

- Shannon Entropy & Balance: Level 2 (Minimal Bias)
- Gini Index: Level 1 (No Bias)
- Max/Min Ratio: Level 3 (Moderate Bias)
- Relative Risk: Level 3 (Moderate Bias)

Conclusion: The dataset shows a slight preference for certain reasons over others. This bias should be considered in analyses reliant on these factors, especially if the context of the study is sensitive to such distribution disparities.