

Bias Detection Report

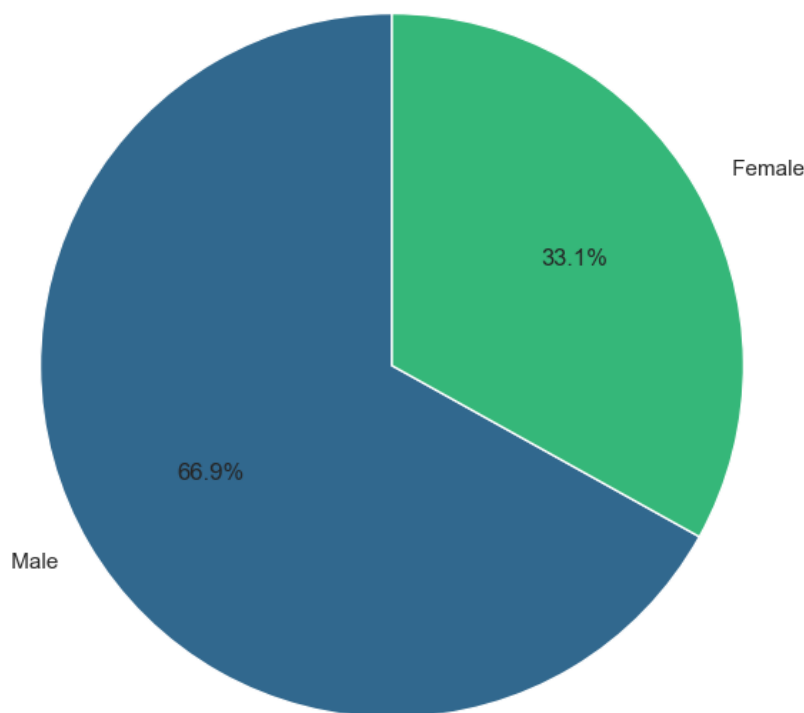
Introduction to the Analysis: This report provides an analysis of the gender distribution bias in the given dataset.

Chi-Square Test Results: The gender distribution showed a significant bias with a Chi-Square Statistic of 3728.95 and a P-Value of 0.0.

Shannon Balance and Entropy Analysis: The balance was found to be 0.916, indicating a Level 2 bias, suggesting some imbalance in the distribution.

Max/Min Ratio Analysis: The ratio was 2.02, suggesting a Level 1 bias, indicating minimal bias.

Pie Chart of sex



Conclusion and Recommendations: The analysis shows some distribution bias in gender. It is

recommended to explore additional metrics and document these findings thoroughly.