

Bias Detection Report

The bias type is Distribution. The relevant feature is DecileScore. The bias level is Level 3. Based on my analysis, it appears that the DecileScore feature in this dataset shows a moderate level of bias. The results from the tools I used (e.g., `numerical_distribution_skewness`, `categorical_numerical_correlation_cohens_d`, `plot_box_plot`) indicate that there is some bias present. For instance, the `numerical_distribution_skewness` tool returned a skewness value of 0.838316286186714, indicating a moderate level of skewness in the DecileScore distribution. The `categorical_numerical_correlation_cohens_d` tool returned an error message because the DateOfBirth feature has more than two categories. The `plot_box_plot` tool created a box plot of the DecileScore distribution, which shows a moderate level of variation. I believe you should consider this bias in certain applications. I recommend giving these results additional thought before proceeding.