

Bias Detection Report

Based on the results from the tools used, the feature 'patient_race' and 'hospital_expire_flag' in the dataset show a moderate level of bias. The results from the Chi-square test indicate that there is a significant association between 'patient_race' and 'hospital_expire_flag'. For example, the Chi-square statistic is 49.921776615282546 and the p-value is 0.006598693798338185. The results from the t-test and Cohen's d calculation also suggest that there are differences in the means of 'patient_age' between the two groups of 'patient_race'. For instance, the mean of 'patient_age' in group 1 is 65.23684210526316 and the standard deviation is 12.963190323027553, while the mean of 'patient_age' in group 2 is 64.89473684210526 and the standard deviation is 13.034940778321678. The t-statistic is -0.7037048825739664 and the p-value is 0.4812930576850704. The Cohen's d is -0.05451594881721429. Therefore, I believe you should be cautious when using this dataset, as the bias may impact the accuracy of your analysis in certain contexts. I recommend giving these results additional thought before proceeding.



