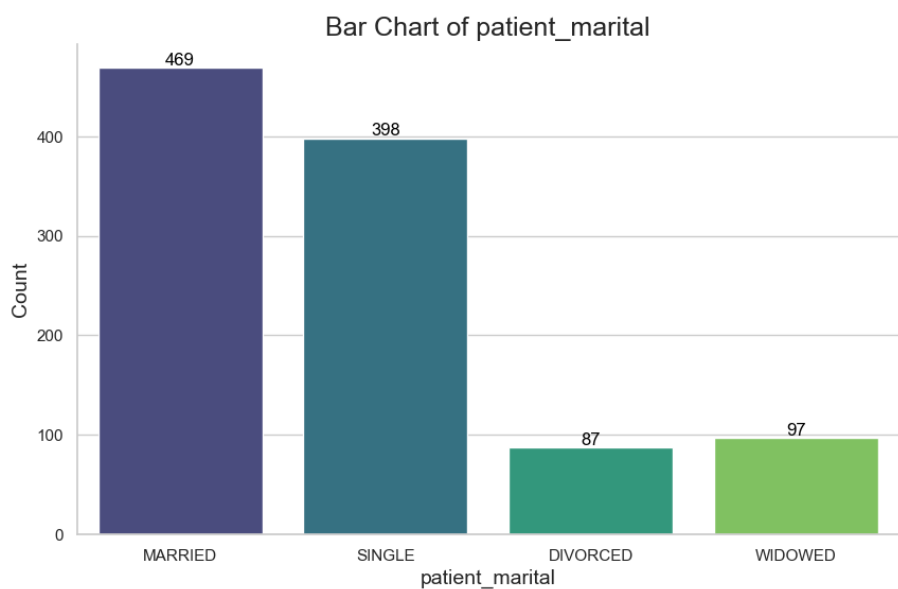


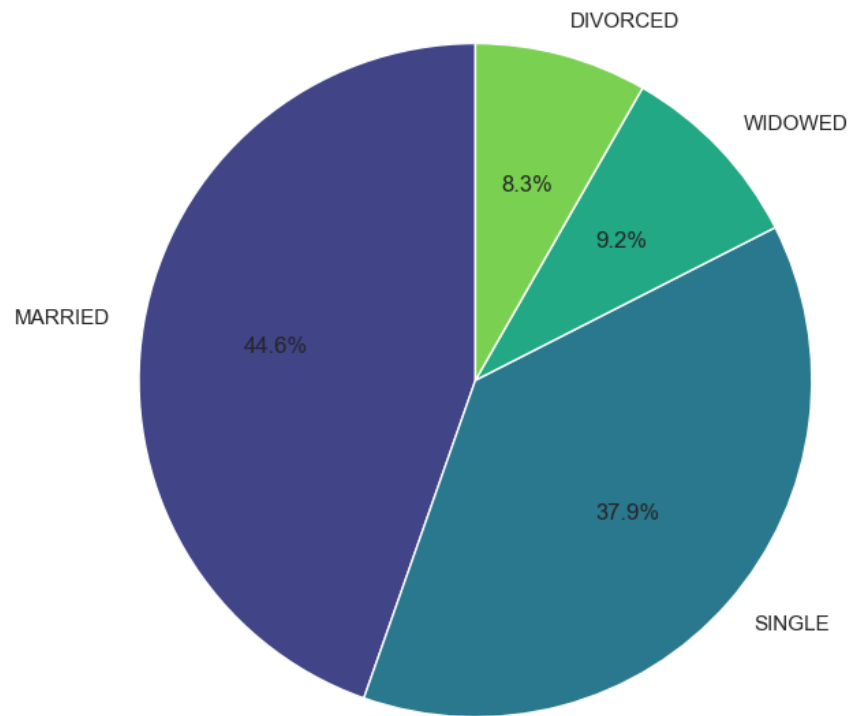
Bias Detection Report

Bias Detection Report for Marital Status Distribution

- 1. Shannon Entropy and Balance Metric: The balance metric is 0.832, indicating a Level 2 bias. Shannon Entropy is 1.665, suggesting moderate uncertainty.
- 2. Max/Min Ratio Analysis: The max/min ratio is 5.39, corresponding to a Level 3 bias.
- 3. Gini Index: The adjusted Gini Index is 0.856, indicating a Level 2 bias.
- 4. Chi-Square Test: The Chi-Square value calculation did not display results, indicating a need for further review.
- 5. Visualization: The distribution is visualized using bar and pie charts, illustrating the proportions of different marital statuses.



Pie Chart of patient_marital



Overall, the marital status distribution shows a moderate level of bias, primarily between Level 2 and Level 3.