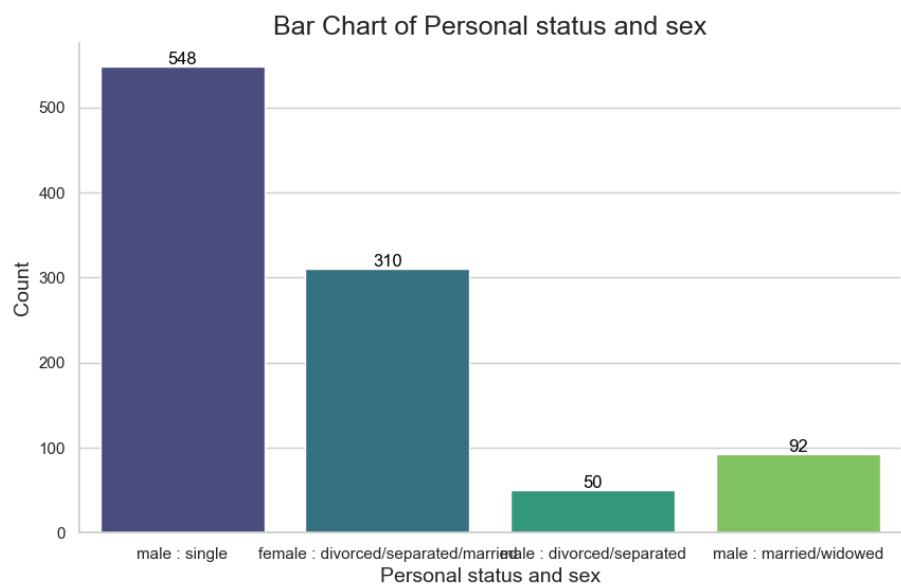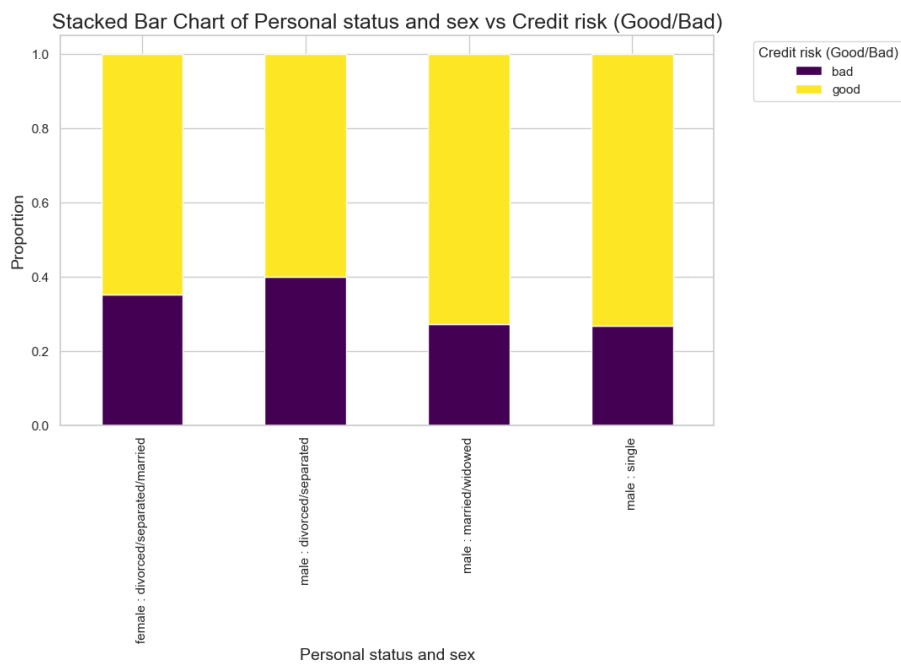# Bias Detection Report

This report summarizes the findings of the bias detection task for the feature 'Personal status and sex' in the dataset regarding credit risk outcomes.

The distribution of 'Personal status and sex' shows some unevenness, with a Balance metric of 0.7660518140593616 and a Shannon entropy of 1.5321036281187232.

The association between 'Personal status and sex' and credit risk outcomes is significant, with a Cramér's V of 0.09800619347437206 and a Chi-Square statistic of 9.60521395933605 (p-value = 0.02223800546926877).

The bias level is categorized as moderate, indicating that the feature 'Personal status and sex' may have a notable impact on credit risk assessments.