Bias Detection Report

Bias Detection Report for Job Type and Credit Risk Classification
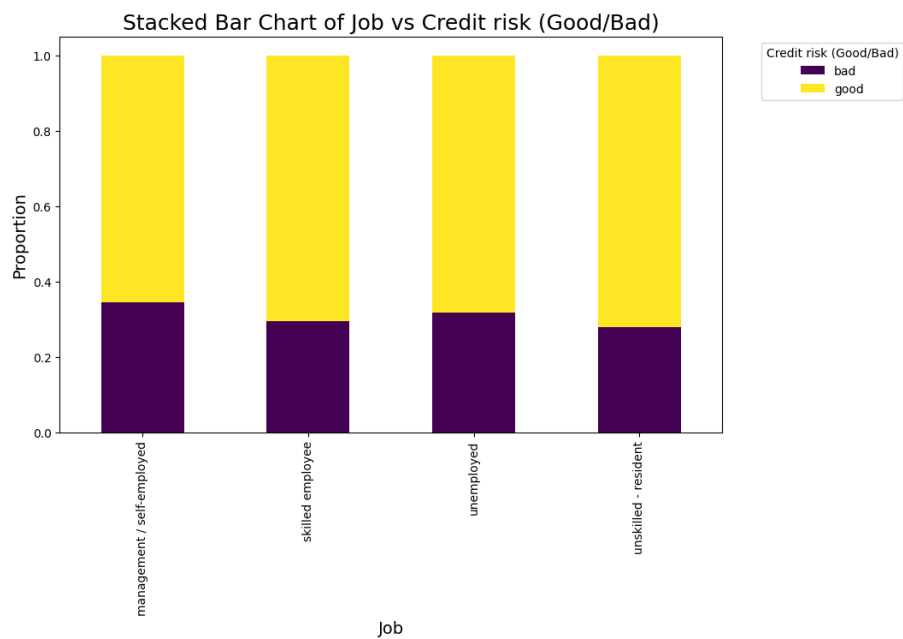
This report analyzes the correlation bias between 'Job' and 'Credit risk (Good/Bad)' in the Statlog dataset.
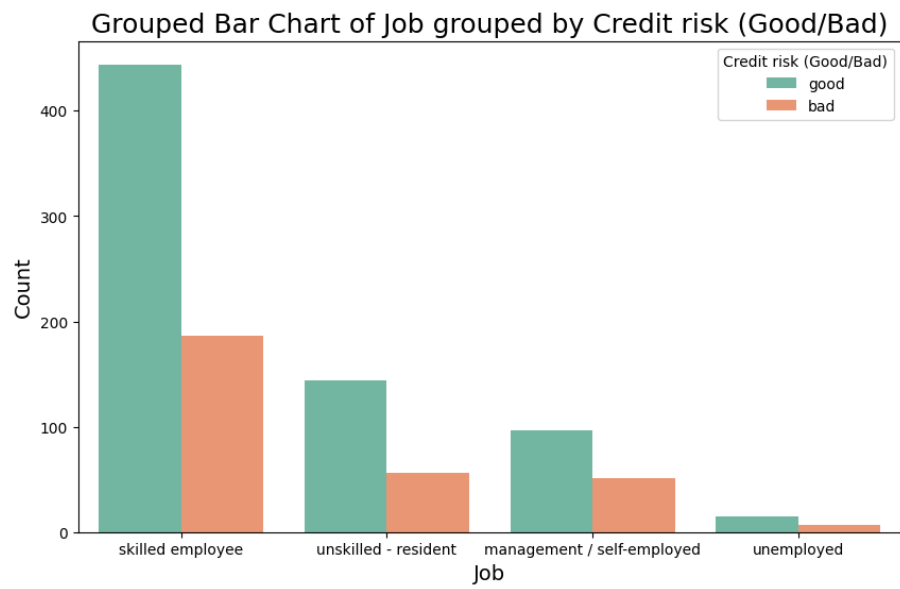
Bias Type: Correlation

Relevant Features: Job, Credit risk (Good/Bad)

Bias Level: Level 1 (No Bias)

HSIC Analysis: The Hilbert-Schmidt Independence Criterion (HSIC) value is approximately 2.68×10^{-7}, indicating negligible correlation bias between the job type and credit risk classification.

Grouped Bar Chart of Job grouped by Credit risk (Good/Bad)

Conclusion: Based on the HSIC analysis and visualizations, there is no significant correlation bias between job type and credit risk classification in this dataset.