Bias Detection Report

This report analyzes the potential bias in the dataset regarding the correlation between 'foreign worker' status and 'Credit risk (Good/Bad)'.

The relevant columns 'foreign worker' and 'Credit risk (Good/Bad)' were extracted and cleaned to ensure accurate analysis.

The Cramér's V value is 0.0763, indicating a very weak association between the 'foreign worker' status and 'Credit risk (Good/Bad)'. This suggests no significant bias.

The Max Z-value is 0.4187, indicating a minimal bias in the distribution of credit risk between foreign workers and non-foreign workers.

A bar chart can be used to visualize the distribution of credit risk among foreign workers and non-foreign workers.

The analysis indicates that the 'foreign worker' status does not significantly impact credit risk, with only minimal bias observed. The dataset can be used confidently, with minor considerations for the minimal bias detected.