

# Bias Detection Report

## Bias Detection Report: Relationship between Occupation and Income

The analysis of the relationship between occupation and income in the dataset 'source\_files/Adult.csv' indicates a moderate level of bias.

Cramér's V Analysis: The Cramér's V value of 0.3519 suggests a moderate correlation between occupation and income.

Statistical Parity Analysis: The maximum Z-value of 0.5688 indicates a moderate level of disparity in income distribution across occupations.

Overall, the findings suggest that while there is some bias present, it does not fully compromise the dataset's usability. However, it is advisable to consider this bias in certain applications.