

Bias Detection Report

Bias Detection Report for Occupation Feature

Bias Type: Distribution

Relevant Feature: occupation

Bias Levels:

- Entropy & Shannon Balance: Level 2 (Minimal Bias)
- Gini Index: Level 1 (No Bias)
- Chi-Square Test: Level 5 (Extreme Bias)

Overall Bias Level: Level 3 (Moderate Bias)

Detailed Findings:

- The Normalized Entropy indicates a well-distributed occupation feature with minimal bias.
- The Gini Index suggests no inequality in the occupation distribution.
- The Chi-Square test reveals a significant deviation from a uniform distribution, suggesting potential bias due to the uneven distribution of occupations.

