

Bias Detection Report

This report analyzes the distribution of occupations in the dataset to determine if certain occupations dominate or if the distribution is relatively even.

The Shannon Balance metric for the 'occupation' column is approximately 0.90, indicating a relatively even distribution. The Max-Min Ratio is 460.0, suggesting some imbalance. The entropy is approximately 3.52, confirming a high level of randomness.

Based on the analysis, the distribution of occupations exhibits minimal bias. The dataset is suitable for use, with only minimal attention needed in specific scenarios.