

Bias Detection Report

Bias Detection Report for LegalStatus Feature

1. Bias Type: Distribution

2. Relevant Feature(s): LegalStatus

3. Bias Level: Significant Bias

4. Detailed Analysis:

- Entropy Analysis: Normalized Entropy = 0.462

- Gini Index Analysis: Corrected Gini Index = 0.523, Adjusted Gini Index = 0.610

- Max-Min Ratio Analysis: Max-Min Ratio = 3131.5

5. Feedback to User: The 'LegalStatus' feature displays significant bias, which could impact analysis accuracy. Cautious assessment is advised.

6. Additional Explanation: The significant bias suggests a notable imbalance in legal statuses, potentially affecting decision-making processes.