Bias Detection Report

Bias Detection Report for 'Credit history' Feature

Bias Type: Distribution

Relevant Feature(s): Credit history

Shannon Balance Analysis: Level 3 (Moderate Bias) with a balance metric of 0.737.

Max-Min Ratio Analysis: Level 4 (Significant Bias) with a ratio of 13.25.

Entropy Analysis: Level 3 (Moderate Bias) with an entropy of 1.712 and normalized entropy of 0.737.

Gini Index Analysis: Level 3 to Level 4 with a Corrected Gini Index of 0.623 and an Adjusted Gini Index of 0.778.

Overall Bias Level: Moderate to Significant Bias. Careful consideration is recommended, especially in contexts where equitable credit history representation is crucial.