Bias Detection Report

The dataset analyzed was 'COMPAS.csv'. The feature examined was 'Age', focusing on distribution bias.

Bias Type: Distribution

Relevant Feature: Age

Results from Tools:

1. Skewness Analysis: Skewness Value: -0.9023

2. Kurtosis Analysis: Kurtosis Value: -1.0394

3. Quantile Deviation: Value: 0.0845

4. Max/Min Ratio: Infinity, Bias Level: Extreme Bias.

The analysis indicates an 'Extreme Bias' in the age distribution, with certain age groups significantly dominating. Adjustments or further preprocessing might be necessary to mitigate the effects.

Image not found: generated_files/age_histogram.png