

BiasScope Fairness Audit Report

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1■■ Dataset Information

Dataset: 70236e1b_cleaned.csv

Target Column: income

Sensitive Feature: Not Specified

2■■ Model Information

Trained Model: Random Forest

Accuracy (Before Mitigation): 0.858

Accuracy (After Mitigation): 0.858

3■■ Fairness Metrics

Metric	Before Mitigation	After Mitigation
Demographic Parity Difference	0.1929	0.0129
Equal Opportunity Difference	0.016	0.1058

4■■ Interpretation

■ Smaller differences in Demographic Parity or Equal Opportunity after mitigation indicate improved fairness.

5■■ Summary

Bias mitigation reduced disparities while maintaining performance.

Generated by BiasScope – AI Fairness Detection & Mitigation Framework.