

# BiasScope Fairness Audit Report

Date Generated: 2025-12-06 21:26:07

## 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.