# **Bias Detection Report**

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### **Dataset Analyzed**

- \*\*Path\*\*: `source\_files/Statlog.csv`

#### **Feature Examined**

- \*\*Feature\*\*: Telephone

# **Bias Type**

- Distribution

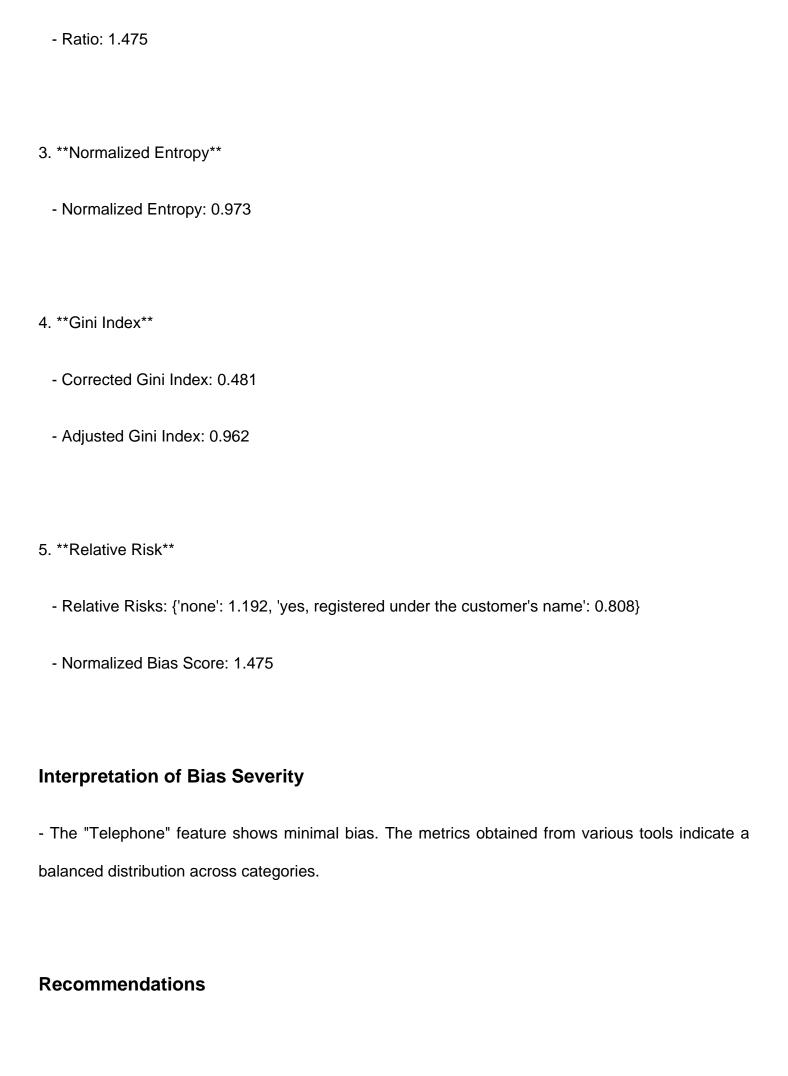
#### **Tools Used and Results**

1. \*\*Shannon Entropy & Balance Metric\*\*

- Shannon Entropy: 0.973

- Balance: 0.973

2. \*\*Max/Min Ratio\*\*



- The current distribution of the "Telephone" feature is well-balanced. You can proceed with using the dataset confidently, with minimal attention needed in specific scenarios.

## Visualization

- Below is a bar chart visualizing the distribution of the "Telephone" feature.

