RecoMart: Data Quality Report

Analysis of Raw Files Ingested on: 2026-01-28

Dataset: User Profiles

Health Score: 38% Complete

Contains customer demographics like Age and Location.

- Volume: 2321 entries across 105 attributes.
- Key Attributes Identified:
  - user_id: (e.g., 1, 2, 3)
  - age: (e.g., 56.0, 46.0, 32.0)
  - gender: (e.g., M, F, Male)
  - device: (e.g., Desktop, Mobile, Tablet)

Dataset: Product Catalog

Health Score: 100% Complete

List of items sold, including prices and stock status.

- Volume: 101 entries across 6 attributes.
- Key Attributes Identified:
  - item_id: (e.g., 100, 101, 102)
  - price: (e.g., 29.76, 591.81, 35.11)
  - brand: (e.g., LG, Nike, Dove)
  - category: (e.g., Electronics, Sports, Beauty & Personal Care)

Dataset: Transaction Logs

Health Score: 95% Complete

History of user purchases and product ratings.

- Volume: 3873 entries across 5 attributes.
- Key Attributes Identified:
  - user_id: (e.g., 103, 436, 861)
  - item_id: (e.g., 134, 165, 190)
  - view_mode: (e.g., view, add_to_cart, purchase)
  - rating: (e.g., 4, 5, 3)

Critical Quality Findings:

■ No major data anomalies detected. Data is safe for preparation.