

Recomart Data Quality Report

Generated: 2026-01-18 18:43:08

Executive summary

Datasets processed: product_catalog, raw_customers, external_metadata, transactions

Total rows: 2379

Total missing values (all datasets): 0

Total duplicate rows (by primary keys): 0

GE enabled: False

Dataset: product_catalog

Row count: 1000

Missing columns: None

Extra columns: None

Total missing values: 0

Duplicate rows (by PK): 0

Range/format checks: {

 "base_price": {

 "range": {

 "issues": []

 }

 },

 "discount_percent": {

 "range": {

 "issues": []

 }

 },

 "avg_rating": {

 "range": {

 "issues": []

 }

 },

 "return_rate_percent": {

 "range": {

 "issues": []

 }

 },

 "profit_margin_percent": {

 "range": {

 "issues": []

 }

 },

 "shelf_life_days": {

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```
"range": {  
    "issues": []  
}  
},  
"is_perishable": {  
    "categorical": {  
        "invalid_count": 0,  
        "examples": []  
    }  
},  
"launch_date": {  
    "date_format": {  
        "bad_count": 0,  
        "bad_indices": []  
    }  
}  
}  
GE success: None  
GE evaluated expectations: None  
GE successful expectations: None  
GE unsuccessful expectations: None
```

Dataset: raw_customers

```
Row count: 30  
Missing columns: None  
Extra columns: None  
Total missing values: 0  
Duplicate rows (by PK): 0  
Range/format checks: {  
    "age": {  
        "range": {  
            "issues": []  
        }  
    },  
    "gender": {  
        "categorical": {  
            "invalid_count": 0,  
            "examples": []  
        }  
    }  
}
```

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GE success: None
GE evaluated expectations: None
GE successful expectations: None
GE unsuccessful expectations: None

Dataset: external_metadata

Row count: 1000
Missing columns: None
Extra columns: None
Total missing values: 0
Duplicate rows (by PK): None
Range/format checks: {
 "sentiment_score": {
 "range": {
 "issues": []
 }
 },
 "popularity_index": {
 "range": {
 "issues": []
 }
 },
 "last_updated": {
 "date_format": {
 "bad_count": 0,
 "bad_indices": []
 }
 }
}

GE success: None
GE evaluated expectations: None
GE successful expectations: None
GE unsuccessful expectations: None

Dataset: transactions

Row count: 349
Missing columns: None
Extra columns: None
Total missing values: 0
Duplicate rows (by PK): 0
Range/format checks: {

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```
"quantity": {  
    "range": {  
        "issues": []  
    }  
},  
"txn_date": {  
    "date_format": {  
        "bad_count": 0,  
        "bad_indices": []  
    }  
}  
}
```

GE success: None

GE evaluated expectations: None

GE successful expectations: None

GE unsuccessful expectations: None

Cross-dataset integrity checks

```
txn_customer_fk: {  
    "missing_ref_count": 0,  
    "examples": []  
}  
txn_product_fk_catalog: {  
    "missing_ref_count": 0,  
    "examples": []  
}  
meta_product_fk: {  
    "missing_ref_count": 0,  
    "examples": []  
}
```