

# Recomart Data Quality Report

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

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## 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": []
}
```