Data Quality Visualization Report

Summary Completeness Uniqueness

Accuracy Validity Consistency

Recommendations





Deloitte.

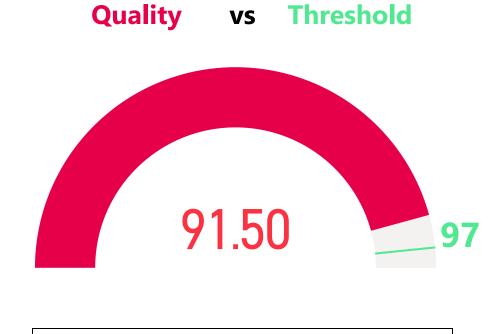
Data Quality Summery

Completeness :Data is not complete97.85

• Accuracy : Data is not accurate

89.00

• Consistency : Data is not consistent
79.84



Uniqueness: Data is not unique96.28

• Validity: Data is not valid
92.74

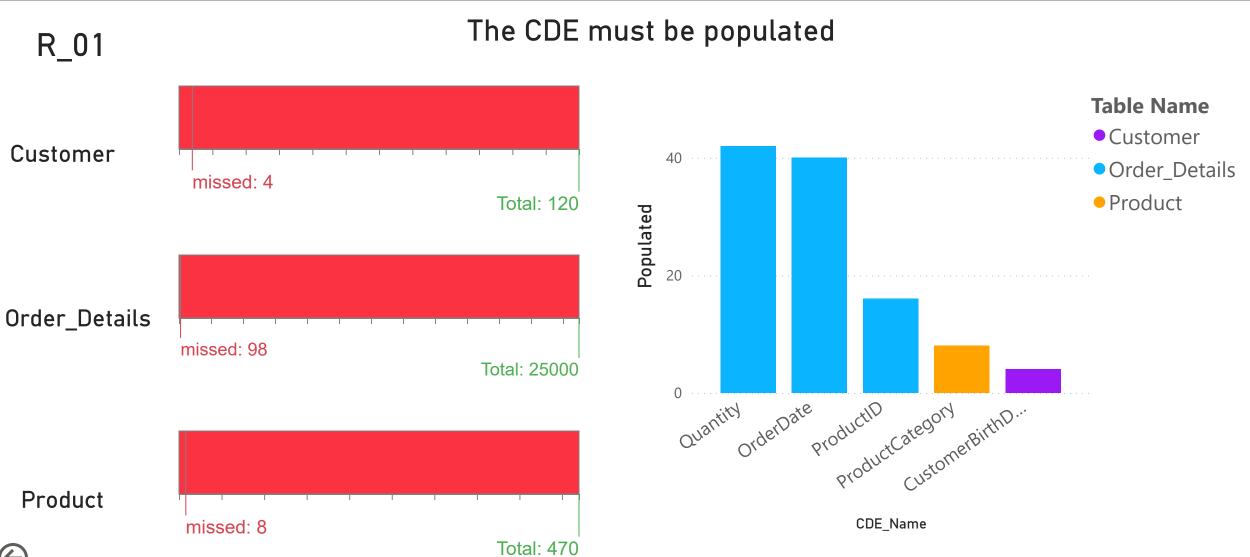
Data Quality (Completeness) 26K

97.85 Completeness

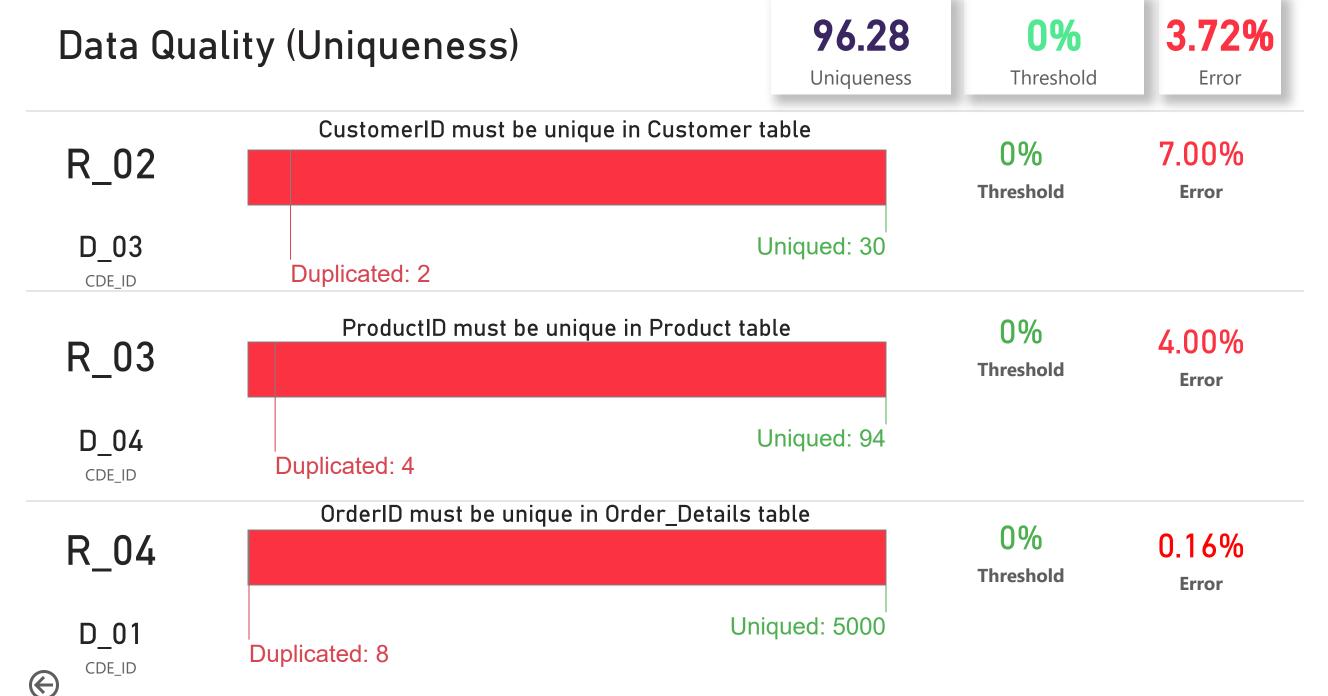
0% Threshold 2.15%

Error

Total Rows





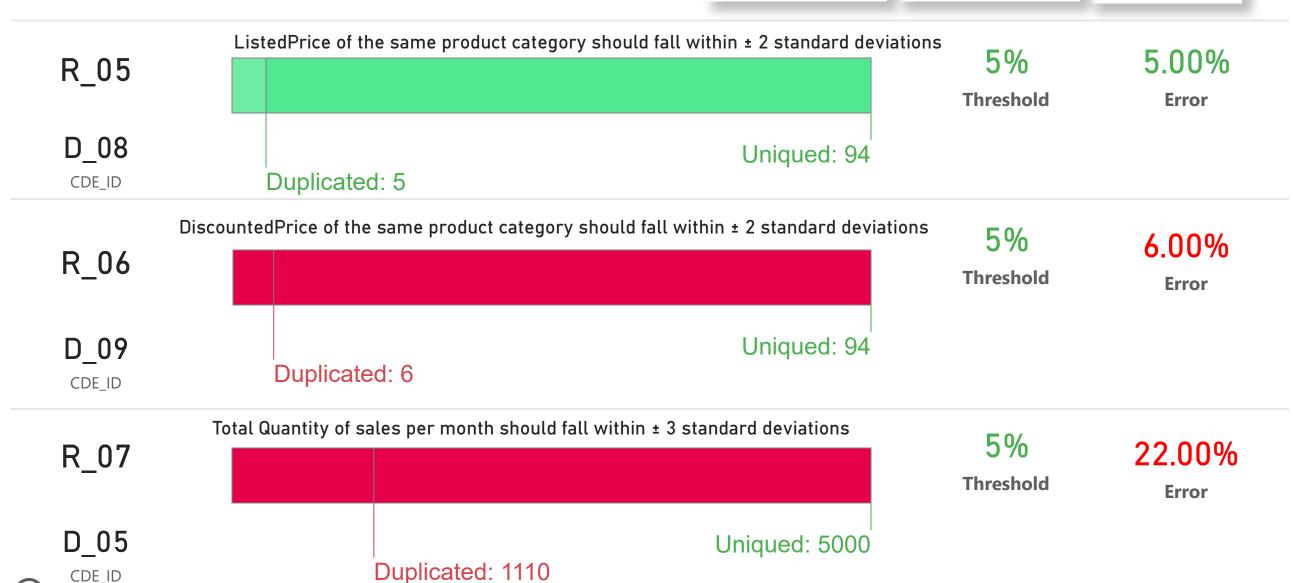


Data Quality (Accuracy)

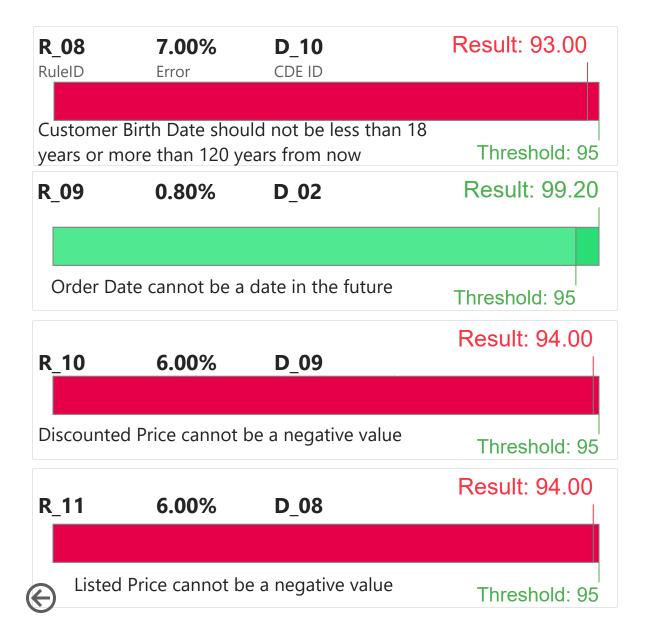


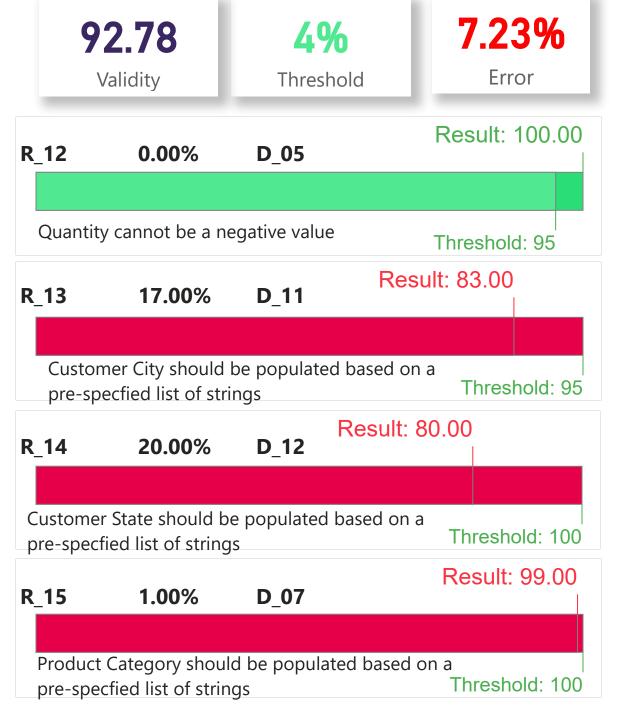






Data Quality (Validity)





Data Quality (Consistency)

79.84 Consistency

5% Threshold 20.17% Error



DiscountedPrice cannot be higher than ListedPrice for one specific product

5% **Threshold**

17.00%

Error

D_08; D_09

Threshold: 95

Result: 83.00

CDE_ID

R 17

D_11; D_12 CDE_ID

CustomerCity should be consistent with CustomerState for one specfic customer

Threshold: 95

Result: 76.67

5% **Threshold** 23.33%

Error



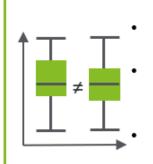
Recommendations





Completeness

- Conduct a comprehensive data audit to identify missing information.
- Establish clear data entry protocols and responsibilities.
- Implement regular data validation checks to ensure completeness.



Accuracy

Establish data entry standards and guidelines for the team. Implement validation rules and data validation checks during data entry. Conduct periodic data accuracy audits to identify and rectify errors.



Uniqueness

- Implement unique constraints on key fields to prevent duplicate records.
- Regularly audit and cleanse the database to remove duplicate entries.

Validity

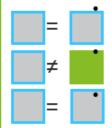


Define data validation rules to ensure that data conforms to predefined standards.



Conduct regular data validation checks and correct any data that does not meet the defined criteria.

Consistency



Develop and enforce consistent naming conventions and data formats.

Establish data update and modification protocols to maintain data consistency. Implement version control and change tracking mechanisms for data updates.

Thank you! Q&A