Accuracy

Definition

Accuracy of a data value is the degree of closeness of data values to real values.

Relation

Accuracy	is a characteristic of a	data value
Accuracy	is an instance of a	data quality dimension

Note

Accuracy can be determined, by comparing data in your database with a real-world measurement. For example, you could call a customer and ask if his email address is still john@mail.com. If you draw a sample from your database, you can make statements about the accuracy of all the data in the database.

Examples

Wrong name

Name
Jansen

The name should be written as Janssen with double 's'.

Old adress

Employee name	Place of living
John Steward	Washington

John has moved meanwhile to New York.

Wrong unit of measure

Product name	Weight in gram
Pack of suger	1

Weight should be 1000 (gram) instead of 1 (kilogram).

Reference(s)

DAMA NL (2020). Dimensions of Data Quality (DDQ). Research paper.

https://www.dama-nl.org/wp-content/uploads/2020/09/DDQ-Dimensions-of-Data-Quality-Research-Paper-version-1.2-d.d.-3-Sept-2020.pdf

All, DataQualityDimension

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