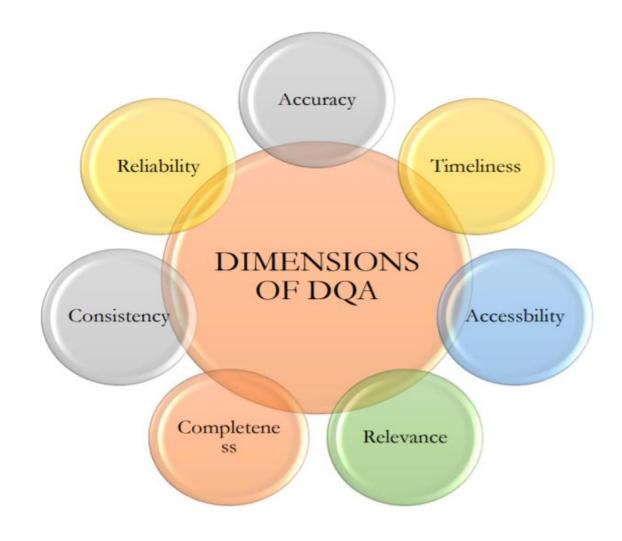
Data Quality Report



Dimentions



General Information about the dataset

Dataset Name		
Main Data Source		
Receiving Date/Collection Date of the Data		
Total Number of Records in Raw Dataset		
Number of variables in the dataset		
Data Completeness Percentage (including all		
requested variables)		
Availability of Metadata		
Data Confidentiality Degree		
Data Consistency over time		
Data reference period		
Frequency of data collection/ receiving		

The purposes of using the collected/received dataset

Purposes

1

2

3

Variable Format

Checking the variable format and suggesting the suitable format and modifications based on the value of data entry.

Identified Variables	Format	Suitable Format/ Modification

Variables with Substantial Missing Value

Checking the extent of missing values which should be examined carefully whether they are missing at random (MAR) or missing at complete random (MCAR).

Identified Variables	% Missing	MAR, MCAR, or	Patterns of Missing
		systematic Error	Data

Variables with Implausible Values

Identification of variables with irrelevant values which defined as values resulting from data entry mistake.

Identified Variables	Irrelevant Values	Percentage of Irrelevant Values

Variables Inconsistency

Inconsistency with code book includes miscoded values, values with multiple units under the same variable, and inconsistent scale of measurement, also checking the inconsistency with variables' values with other data sources which have the same attribute.

Identified Variables	Inconsistency (Variable, Data	Percentage
	Source)	

Constrains Violation

Record type: Uniqueness Violation

In single observation per record dataset structure, each observation should be tagged by unique identification number.

Identified Variables	Number of Duplicated Values

Attribute Domain Constraints

Rules that restrict allowable values in individual data elements ex. acceptable range of values.

Identified Variables	Domain Constraints Violation	Percentage

-	Record:	Violated	Attribute	Dependency
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Variables computed based on other variables

Identified Variables	Variables Based on