
A Five-Stage Data Quality Compliance Framework

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Abstract We propose a model that can be used to verify entity compliance with the National Quality Assurance Framework (NQAF) developed by the United Nations. The model has five stages with a fixed set of principles that can be gradually observed.

1. Basic

1.1 Relevance

1.2 Sound methodology

1.3 Regularity

2. Fit for purpose

2.1 Soundness of implementation

2.1 Accuracy and reliability

2.3 Timeliness and punctuality

2.4 Coherence and comparability

3. Order

3.1 Accesibility and clarity

3.2 Confidentiality

3.3 standardized metadata

3.4 standards implementation

4. Trust

4.1 Transparency

4.2 Objectivity

4.3 Independence

4.4 National coordination

5. Efficiency

5.1 Cost vs effectiveness

5.2 Respondent burden

5.3 User satisfaction

The presentation will include:

- The description of the NQAF.
- The motivation to develop a five-stage model.
- The rationale behind every stage.
- The compliance schema for each quality principle.

Keywords

Data Quality, National Quality Assurance Framework, Referential Metadata,