DATA QUALITY ASSESSMENT
SOLUTION SHEET

In Summary

- Fast identification of potential data quality issues early in the project lifecycle to eliminate costly surprises.
- Time required to analyse source systems is reduced by over 90% compared to traditional methods.
- Methodology used is applicable to new and existing sources.
- ROI is realised early and rapidly.

DATA QUALITY Assessment V1

Data Quality is a common issue faced by organisations and it can be expensive to rectify.

Some organisations spend tens or hundreds of thousands of dollars per annum on attempts to analyse and resolve data quality issues. Sometimes these efforts are dedicated data clean-up projects without budget and long term objectives.

Increasingly as IT budgets have come under tighter constraints, data quality projects are ad-hoc 'fire-fighting' projects, as the developers of new IT systems stumble upon unsuspected data quality problems that make the implementation of a new or enhanced system challenging.

Initiating a data quality assessment enables organisations to understand and build effective data quality strategies to support their business. Effective data quality strategies help to alleviate many of the problems associated with poor data quality by identifying the underlying issues, correcting and ideally preventing them, and providing a foundation for reliable data use across the organisation.

The Data Quality Assessment (DQA) focusses on data analysis and auditing. It facilitates the automated analysis of raw source system data and should provide information to answer key questions such as:

- Which data will not migrate?
- Which data will migrate but will violate key business rules?
- Which records will require a process change?

Why embark on a DQA Project?

- Reduces time needed to analyse source systems by over 90% compared to traditional methods
- Aids in understanding record construction, domain sets and logic of source data
- Establishes the strengths and weaknesses of data sources in scope
- Aids decisions on alternative data sources available
- Establishes early in the project whether the target design is within the capabilities of the source data
- Identifies critical data issues in source data that must be rectified
- Facilitates in setting realistic expectations about outcomes of the actual data warehouse or mart that will be constructed from the source data.

The Offering

DQA is an on-site engagement. The length of the assessment varies depending upon the particular customer scenario. Activities comprise:

- Determine and agree project scope
- Assess pre-requisites
- Data Assessment of data in scope
- Data Assessment mentoring workshop with client
- Review of Data Assessment results
- Generate DQA report

Participants

Key participants in the assessment include:
- Certus Solution Architect
- Certus Senior Consultant
- Client Subject Matter Experts
- Client Database Administrators
- Client Project Manager
- Client IT Security

Deliverables

- An assessment report identifying elements that do and do not live up to current understanding and require cleansing, transformation before conversion, or replacement with an alternative element from a separate source
- A data assessment workshop designed to provide an overview of the data quality assessment process, review of findings and suggested follow-on steps

How to get started

Contact your Certus account manager and schedule a preliminary discussion.

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