



Proof of Concept

Quantify the Benefits of Our Data Quality Tool

Purpose

A DQM proof of concept (Proof of Concept) can help you to quantify the benefits of our data quality tool in the context of the business environment of your organisation. A Proof of Concept, using your data will provide a detailed understanding of how Data Quality Manager could be used to improve data quality and implement data management in your organisation.

Business Needs

You may have already identified some business data quality issues in your organisation. Your business runs on data. You understand that your systems migration, business intelligence, compliance reporting or enterprise system implementation, relies entirely on consistent, cleansed and well-structured data.

Whilst there is general agreement that the DQM project can resolve most of the data quality issues, however, exactly how this is done needs to be tested. Moreover, the level of data quality improvement, the types of benefits expected from the project needs to be quantified.

Sample data that is representative or common business issues.



customers file



address records



inventory lines



supplier details

Scope of Data

A DQM Proof of Concept is designed for you to review the technology in the data environment of your organisation.

The Proof of Concept project could be based on a set of sample data that is representative or common business issues. This can include customers file, address records, inventory lines, or supplier company details. You select the business area that represents the highest needs and could provide the maximum business benefits. Typically, a Proof of Concept requires about 5-10% of the total available data. This sampling is statistically significant, and therefore the Proof of Concept results can be projected over the entire project.

Benefits

- ✓ Proof & validity results
- ✓ Demonstrate capability
- ✓ Assess process impact
- ✓ Quantify benefits
- ✓ Reduce project risk

Scope of Work

The Proof of Concept project could conduct the following :

- data profiling to identify completeness, consistency and structural integrity
- detailed data investigation to assess accuracy of data against business rules
- validate data against master list or external reference data
- estimate the number of duplicates
- evaluate the expected level of automated matching or reduplications

Deliverables

Proof of Concept project will deliver a summary report and excerpts of matched or deduped results. The summary report describes the key data quality issues, and the potential for improvement. The data excerpts are used by the business to audit results of the DQM product.

Specifically, the reports may include :

Data current quality issues

- validity of columns
- complexity and patterns in key columns
- internal data consistency
- completeness of data
- potential duplicates
- degree of confidence measure

Potential for improvement

- expected base improvement from DQM
- fine tuning using tailored rules
- external reference data
- data quality target
- estimated effort

Duration

The Proof of Concept is a short review project of 5 to 10 days elapsed. During this process, DQM experts will liaise with you and/or your business users for clarification and discussions. The Proof of Concept results will be delivered to you in a final management presentation.