



Master Data Assessment & Cleansing Tool

iQ-DOT Service Offering

Introduction

With technology advancement, data processing was achieved in much lesser time; organizations saw a marked improvement in the return on their investments on Data warehouses, data marts, or marketing databases. But over the last few years, Data Quality has emerged as one of the key pillars in the overall success of CRM Effectiveness and other Business Intelligence initiatives. But, in order to effectively clean up the data, one needs to first understand the level of Data Quality problem and identify the key issues. This not only helps in reducing the total costs of the Data cleanup exercise, but also helps in defining a permanent solution which will prevent such issues from occurring in future.

Intelligroup's Accelerators

- Intelligroup proprietary data quality assessment framework iQ-DOT based tool
- iQ-DOT pre configured templates for accelerating and minimizing the time involved in data quality requirements assessment
- Intelligroup's highly experienced master data architects and data governance experts with many man-years of similar iQ-DOT project experience in related areas of master data

iQ-DOT

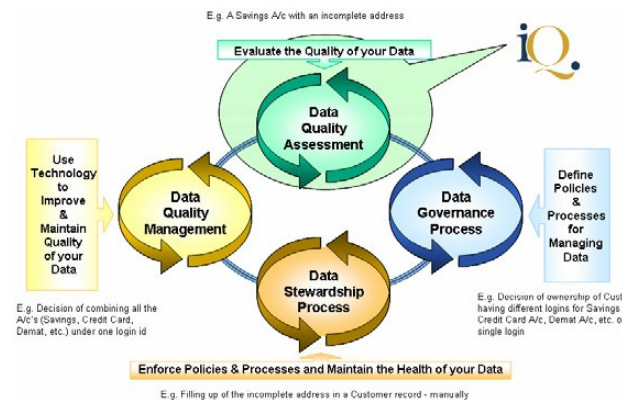
Information Quality – Data Outliner Tool assists organizations in evaluating their data quality with remarkable ease and quick turnaround. This tool can be hosted either within the Client Network, subject to certain conditions* or can be used as 'Managed Services' wherein the data is received from the client and analyzed within the Intelligroup environment.

In the present form, the tool has the capability of evaluating Master Data (Customer, Supplier, Material), but can be easily extended to evaluate related Transaction Data.

Business Drivers for iQ-DOT Implementation

- Single view of data issues across systems
- Identification of possible problems around master data before Master Data Management (MDM) Implementation, Business

- Intelligence (BI) implementation or Upgrade of SAP
- Better understanding of master data quality across different systems, to help scope the MDM/BI/SAP Upgrade Project efforts
- Identification of possible duplicates on a single instance or multiple instances
- Identification of missing data fields for data completeness
- Identification of possible list of values present for a particular data field under an entity
- Identification of consistency of formats of data (Profile consistency)
- Identification of Data completeness in terms of relationship between parent and child relationship in backend ERP or related system master data



Data Quality Management

Deliverables

- A Dashboard detailing the quality of master data on single instance or on multiple instances of systems
- A Duplicates data report for identification of duplicates
- A Profile consistency report for identifying different formats of data under a data field for an entity
- A List of values report detailing possible list of values under a data element for an entity
- A Relationship report to identify possible missing link between parent and child entities
- A Mandatory report to identify data incompleteness for entities

Key features of iQ-DOT framework based Data Quality Assessment Tool:

- Built using Microsoft .NET and SQL Server 2005
- Has been successfully benchmarked with over 40GB of master data, i.e. over 320 Million records, in a matter of minutes
- Easily customizable
- Can read delimited flat files
- Installable at client site

Delivery Highlights

- Assessment team presents an Executive level Summary presentation on the health of the Master Data at the site
- The Assessment team helps educate the Business Data Owners to identify processes that would aid future data governance and control
- They advise on compliance to Best Practices guidelines for Master Data maintenance, drawn from various customers in related industries
- The Assessment identifies the over all data quality issues and assists our customers/Intelligroup to arrive at estimates to cleanse data with appropriate people, process and technology combinations
- Assessment will be completed on time and within budget
- A formal Assessment signoff by the Customer on Satisfactory completion of the Assessment exercise

Benefits

- Complete and thorough analysis of the data on system(s) that helps understand the problems associated with data due to people, process and technology issues

- Data quality assessment would help understand the issues with data before any MDM or BI implementation or Upgrade of SAP
- Help establish Data Cleansing, Data Migration and the Transformation strategies for the identified business critical Data
- Assessment results may also help in improvising the currently existing data governance process

Is Data Quality relevant for your Organization?

- Lack of control of consistent & correct data is the main reason for inaccurate reporting, slipping profits due to reliance of incorrect data, higher inventory costs, heavy delays due to incorrect planning and lower customer satisfaction and lower discounts
- iQ-DOT is a data quality framework which is packaged with a predefined set of parameters that facilitate the data quality assessment
- Data quality and accuracy is critical for any MDM or BI Implementation or Upgrade of SAP system. Organizational performance is directly proportional to the Quality of Data
- Assessments can identify possible issues with data quality from people, process and technology perspective. It also helps in setting proper data quality governance in place for data quality management
- Assessment enables to take the corrective action to address data quality issues prior to MDM and BI implementation or Upgrade of SAP

What is required from our customers?

The data extracts from the source systems for data quality assessment. Business Analyst or Business users who can help Intelligroup understand the data that has to be assessed. In case iQ-DOT has to be deployed at customer site, SQL Server 2005 license is required at the customer site.



Business Intelligence

About Intelligroup

Intelligroup is a strategic partner to the world's largest companies. Its proven onsite/offshore delivery model has enabled hundreds of customers to accelerate results and reduce costs up to 50%. With deep expertise in industry-specific enterprise solutions, Intelligroup has earned a reputation for consistently exceeding client expectations. Intelligroup develops implements and supports IT solutions for some of the largest U.S. school systems and global corporations including Hershey, Abbott Labs, Eastman Chemical, Hitachi, and Kimball International. For more information, please visit our website at www.intelligroup.com

Corporate Headquarters

Intelligroup, Inc., 5 Independence Way, Suite #220, Princeton, NJ 08540, Tel: 646-810-7400, Fax: 646-810-7500

Other Offices

India
(Blocks A & B), ILabs Centre
Plot No.18, Software Units Layout
Madhapur, Hyderabad – 500 081
Andhra Pradesh, India
Tel: +91-40-3048-3456
Fax: +91-40-3048-3200Tel:

Denmark
Rugaardsvej 46C
5000 Odense C
Denmark
Tel: +45-70-25-10-20
Fax: +45-70-25-10-21

Europe
Suites 1 & 2,
Challenge House
Sherwood Drive, Bletchley
Milton Keynes - MK3 6DP
United Kingdom
+44-1908-443-100
Fax: +44-1908-443-166

Japan
Shinagawa Fudosan Hamacho Bldg. 6F,
2-62-6 Nihombashi Hamacho, Chuo-ku,
Tokyo
103-0007 Japan
Tel: +81-3-5614-7920
Fax: +81-3-5614-7930