

Informatica Data Explorer Baseline Quick Start

Informatica Professional Services

Duration: 10 days

IPS Staff Level: Senior Consultant

Description

Data integration projects of all types often run into difficulties because the exact nature and quality of the underlying data is not known up-front. When data-related issues are not fully discovered until late in the project, they typically cannot be easily quantified in terms of project effort impact and, therefore, cause unexpected delivery delays and budget overruns. Using Informatica Data Explorer to profile the data will identify actual and potential data issues – wrong reference data, missing values, redundant columns, non-unique keys, pattern mismatches, and validation against a list of valid values – from the beginning. Through an Informatica Data Explorer Quick Start engagement, you will be able to identify the specific rows/records causing a data-related issue, identify and record potential cleansing rules, and generate candidate DDL for the target data model.

Value:

- Increase your knowledge of Informatica Data Explorer with access to professional expertise and documented best practices
- Gain installation and knowledge transfer of the Informatica Data Explorer software
- Secure up-front insight into specific data issues – no late surprises
- Obtain detailed information on which to base further analysis and/or business decisions – issues can be addressed much sooner in the project
- Leverage assessment of the scale of issues for planning purposes – unknowns are reduced and project planning becomes more reliable

Deliverables:

- Fully installed software on one to three workstations
- Knowledge transfer of best practices and usage of Informatica Data Explorer
- Initial data analysis based on actual data
 - Reports by table/file column covering:
 - Ranges of values (max, min, list of reference values)
 - Value frequencies
 - Missing values
 - Uniqueness
 - Redundant data
 - Inferred patterns, pattern frequencies, and data types
 - Single table analysis reports covering:
 - Key validation
 - Alternate key analysis
 - Cross-table analysis reports:
 - Profile/Validation of foreign key(s)

- Join validation
- Formal record of issues in terms of:
 - Actions raised
 - Transformation rules noted
 - Data rules noted
- (If required) Normalized target data model
 - Including DDL to generate the schema

Prerequisites:

Our Data Quality Consultant will need access to:

- Appropriate business and IT personnel
- A representative sample of data from your enterprise
- Your systems, to install the software and connect to data

Details:

With our Data Quality Consultant, you'll accomplish the following:

- Install the Informatica Data Explorer software within your environment
- Learn about Informatica's data quality methodology and best practices for analyzing data
- Profile the tables/files agreed:
 - Recording all results
 - Raising actions where input is required
 - Recording potential cleansing/transformation rules and other data rules
- Schedule regular workshops to transfer knowledge, review the results of the profiling, discuss actions raised, plan the next stage of profiling, and agree on rules or data modeling findings discovered
- Be mentored at all stages on the exploration and drill-down capabilities of the Informatica Data Explorer software to investigate issues or potential issues that arise
- Document "Next Step" business rules and data quality steps for implementation

For more information, contact Informatica Professional Services at ips@informatica.com



Worldwide Headquarters, 100 Cardinal Way, Redwood City, California 94063, USA
phone: 650.385.5000 fax: 650.385.5500 toll-free in the US: 1.800.653.3871 www.informatica.com

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