Informatica Data Quality[IDQ] Course Content

This course covers 20-30% of theory and 70-80% practical.

Day 1:

DQ Introduction
Informatica Life Cycle Management
DQ key areas/elements
Architecture
Administration Configuration
Informatica Analyst
* IA Architecture
* Analyst GUI
• Metadata and Data access/import
• Data from a file

Day 2:

Informatica Developer
* Developer GUI
* Building Data Quality Mapplets and Rules
• Data Standardization
• Cleanse, transform and parse data using DQ transformations such as the Case Converter, Merge, Labeller, Standardizer, Parser
  • Parameterization

Workshop
1) Match/Consolidation Transformation
    a) Application and usage of the transformation to eliminate duplicates
    b) Using different strategies in Consolidation transformation
    c) Advanced Consolidation transformation usage and Row based

Day 3:

1) Address Validator Transformation solution cum case study
2) Match Transformation
    a) Configuring the Keygen transformation and Match
    b) Understanding the various strategies as a part of the classic Match transformation
3) Exception Transformation
a) Configuring Bad Record/Consolidation exception transformation

Dynamic mapping

Webservice consumer
java
LDO

Day 4:
CDQ
- Data from a table
- Data from a networked path
- Profiling strategies with industry scenarios
- Sampling options
- Column Profiling
- Frequency/Patterns/Statistics/Drill downs
- Filter
* Rule Profiling
* Out Of The Box rules
* Custom rules

* Reference Tables Management
* Project Collaboration
- Data Quality Scorecarding
* Developer Profiling including:
- Primary Key profiling
- Foreign Key profiling
- dependency profiling
* Mid-stream profiling
* Join analysis profiling

Integration of idq with pc and vice-versa

5) Usage of All Data Quality Transformations in a customer scenario
6) Example of an All DQ Mapping with optimized results

- Match-consoldidation solution cum case study
- Parse--standardization--Match-consoldidation solution cum case study
- Parse--standardization--Match-exception collaboration solution cum case study
- Parse--standardization--decision[bad]-exception collaboration solution cum case study
- BA to Developer collaborative solution cum case study
- Dev to BA collaborative solution cum case study
- Solution cum case study for reporting

- Debugging
  - Manual
  - Auto
- Tuning

- Auto
- Manual
- Best Practices from
  - Performance
  - debugging

note: handson will not be covered wherever there is a license issue