

IBM InfoSphere QualityStage Essentials v11.7

Duration: 4 Days **Course Code: KM214G** **Delivery Method: Virtual Learning**

Overview:

This course teaches how to build QualityStage parallel jobs that investigate, standardize, match, and consolidate data records. This course covers common data quality issues, QualityStage architecture, QualityStage clients and their functions, importing metadata, running jobs and reviewing results, building Investigate jobs, the Standardize stage and rule sets, identifying matching records and applying multiple Match passes, building a Survive job, and using a Two-Source match. Students will gain experience by building an application that combines customer data from three source systems into a single master customer record.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

Data analysts responsible for data quality using QualityStage Data quality architects Data cleansing developers

Objectives:

- After completing this course, learners should be able to:
- List common data quality contaminants
- Describe QualityStage architecture, clients, and their functions
- Build and run DataStage and QualityStage jobs and review results
- Use Character Discrete, Concatenate, and Word Investigations to analyze data fields
- Build jobs using the Standardize stage
- Build a QualityStage job to identify matching records
- Interpret, improve, and consolidate match results

Prerequisites:

Participants should have the following skills:

- Familiarity with the Windows Operating System
- Familiarity with a text editor
- Helpful, but not required: Some understanding of elementary statistics principles such as weighted averages and probabilities.

Content:

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| <ul style="list-style-type: none">■ Data Quality Issues■ Exercise 1: Pre-lab Prep■ QualityStage Overview■ Exercise 1: QualityStage Logon■ Developing with QualityStage■ Exercise 1: Import Table Definition Metadata■ Exercise 2: Build a QualityStage Job■ Investigate■ Build Investigate Jobs | <ul style="list-style-type: none">■ Standardize■ Exercise 1: Standardize Country■ Exercise 2: Select US Records■ Exercise 3: Standardize USPREP■ Exercise 4: Standardize USNAME, USADDR, and USAREA■ Exercise 5: Investigate Unhandled Patterns■ Exercise 6: Apply Rule Set Overrides■ Match■ Exercise 1: Create match Frequency Job | <ul style="list-style-type: none">■ Exercise 2: One-source Match Specification■ Exercise 3: Build a One-source Job using Match Specification■ Survive■ Exercise 1: Survivorship■ Exercise 2: Create Customer Load File■ Two-Sort Match■ Exercise 1: Read the Case Study■ Exercise 2: Prepare the Data Environment■ Exercise 3: Run the Two-Source Match Job |
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Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

training@globalknowledge.ae

www.globalknowledge.com/en-ae/

Global Knowledge, Dubai Knowledge Village, Block 2A, First Floor, Office F68, Dubai, UAE