



## Data Quality and Master Data Services Essentials

This one-day instructor-led hands on workshop will provide participants with the knowledge and skills to implement and utilise Data Quality Services (DQS) and Master Data Services (MDS). These features in SQL Server 2012 are used for improving and maintaining the quality of your data across the enterprise.

In this workshop participants will learn how DQS integrates with MDS to enable MDS users to perform DQS matching on their master data. The workshop focuses on developing Data Cleansing and Data Matching practices to enable the creation of a data repository for your organisations Master Data.

### Who Should Attend:

This workshop is designed for Information Workers and IT Professionals wanting to improve centralised data management and improve the data within their enterprise.

### Course Prerequisites:

**Before attending this course, participants should have:**

In addition to an interest in data management processes and a desire to implement improved data quality in their own organisation:

- An understanding of basic database concepts
- Working knowledge of the Windows environment
- An understanding of business fundamentals

### Course Objectives:

**After completing this course, participants will be able to:**

- Learn about Microsoft's Master Data Management strategy
- Create a data Knowledge Base
- Create a data cleansing project
- Create data matching and de-duplication projects
- Utilise the SSIS DQS Data Cleansing Component
- Utilise the Excel MDS add-in to manage Master Data

*Course Code: DQMDSE  
Course Duration: 1 Day*

### Course Summary

**Module 1:** Data Quality Overview

**Module 2:** Knowledge Base Management and Data Cleansing

**Module 3:** Data Matching

**Module 4:** Data Cleansing Using SSIS

**Module 5:** Master Data Services

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Call 1300 927 394 to register for this course today as places are strictly limited.



## Course Outline

### Module 1: Data Quality Overview

This module provides participants with an opportunity to understand the role that Data Quality processes and practices play in an organisations information management strategy.

- The importance of Data Quality
- What contributes to a complete Data Quality Management Solution
- Guidelines for identifying common data quality issues

### Module 2: Knowledge Base Management and Data Cleansing

In this module participants work with Data Quality Services to create a Knowledge Base and cleanse domain data

- Defining data domains
- Discover and Import Knowledge
- Defining rules and policies for data validation, cleansing and matching
- Create a Data Cleansing project

### Module 3: Data Matching

In this module participants work with Data Quality Services to de-duplicate and match domain data

- Defining Data Matching Policies
- Create a Data Matching project
- Match and de-duplicate data.

### Module 4: Data Cleansing using SSIS

In this module, participants will use the new SQL Server Integration Services (SSIS) DQS Data Cleansing component to cleanse domain data.

- Leveraging DQS Knowledge as part of automated Extract, Transform and Load (ETL) processing.
- Utilise the DQS Data Cleansing Component in SSIS.

### Module 5: Master Data Services

This module provides participants with the understanding to create and manage a Master Data repository as well as use MDS to match and de-duplicate data.

- Learn how Master Data Services integrated with Data Quality Services enables you to ensure data consistency of your domain data
- Utilise the Excel Add-in to manage Master Data
- Accessing Master Data