

IMPLEMENTING A SQL DATA WAREHOUSE

Course Code: 821527

Learn to implement a data warehouse platform with Microsoft SQL Server 2016.

This course provides students with the knowledge and skills to provision a Microsoft SQL Server database. The course covers SQL Server provision both on-premise and in Azure, and covers installing from new and migrating from an existing install.

What You'll Learn

- Describe the key elements of a data warehouse solution
- Considerations for building a data warehouse
- Implementing a logical design for a data warehouse
- Implement a physical design for a data warehouse
- Create Columnstore indexes
- Implementing an Azure SQL Data Warehouse
- Describe the key features of SSIS
- Implement a data flow by using SSIS
- Implement control flow by using tasks and precedence constraints
- Create dynamic packages that include variables and parameters
- Debug SSIS packages
- Describe the considerations of implement an ETL Solution
- Implement Data Quality Services
- Implement a Master Data Service model
- Describe how you can use custom components to extend SSIS
- Deploy SSI projects
- Describe BI and common BI scenarios

Who Needs to Attend

- Database professionals who need to fulfill a BI developer role focused on hands-on work by creating BI solutions, including data warehouse implementation, ETL and data cleansing
- Database professionals responsible for implementing a data warehouse, developing SSIS packages for data ETL, enforcing data integrity using Microsoft Data Services and cleansing data using Data Quality Services

Prerequisites

- Basic knowledge of the Microsoft Windows operating system and its core functionality.
- Working knowledge of relational databases.
- Some experience with database design



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PRIVATE GROUP TRAINING

5 Day

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