

IT LEARNING SOLUTIONS

20767: Implementing a SQL Data Warehouse

Prepares you for exam 70-767 | Instructor-led classroom training or on-demand training

AUDIENCE(S): IT Professional
TECHNOLOGY: Microsoft SQL Server
LEVEL: 300
LANGUAGE(S): English

Compare Learning Environments	On-demand Training	Classroom Training
Anytime access	n/a	
Anywhere access to recorded instructor	n/a	
Microsoft Official Content	n/a	✓
In-Depth Training	n/a	✓
Hands-on Labs	n/a	✓
SATV Redemption	n/a	✓
Ask Instructor questions in person	n/a	✓
Attend live class in person	n/a	✓
Time commitment	Self-paced (3 Month Access)	5 Days

About This Course:

This 5-day instructor led course describes how to implement a data warehouse platform to support a BI solution. Students will learn how to create a data warehouse with Microsoft® SQL Server® 2016 and with Azure SQL Data Warehouse, to implement ETL with SQL Server Integration Services, and to validate and cleanse data with SQL Server Data Quality Services and SQL Server Master Data Services.

At Course Completion:

- Describe the key elements of a data warehousing solution
- Describe the main hardware considerations for building a data warehouse
- Implement 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 for implement an ETL solution
- Implement Data Quality Services
- Implement a Master Data Services model
- Describe how you can use custom components to extend SSIS
- Deploy SSIS projects
- Describe BI and common BI scenarios

Prerequisites:

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

- At least 2 years' experience of working with relational databases, including:
- Designing a normalized database.
- Creating tables and relationships.

- Querying with Transact-SQL.
- Some exposure to basic programming constructs (such as looping and branching).
- An awareness of key business priorities such as revenue, profitability, and financial accounting is desirable.

The Content of this document as well as the programme subject matter is subject to change without notice.

I
 (student / legal guardian), acknowledge that I understand the information stated in this document.

Date:

Signature:

This information sheet forms part of your enrolment contract

The content of this information sheet is subject to change without notice due to legislation, market requirements or any other reason. ELMI reserves the right to change the programme subject matter without notice.

Last modified: V1/24.10.16 MOB