767 – Implementing a SQL Data Warehouse

Microsoft Official Courses (MOC)

Course 20767C: Implementing a SQL Data Warehouse

About this Course:

- This five-day instructor-led 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.

Course Goals/Skills:

- 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

Audience:

- The primary audience for this course are database professionals who need to fulfil a Business Intelligence Developer role. They will need to focus on hands-on work creating BI solutions including Data Warehouse implementation, ETL, and data cleansing.

Course Format:

Присъствен (Classroom) Курс в Учебната ни зала или В Офис на Клиент	Онлайн (Online/Virtual) Курс във виртуална зала с инструктор

Course Language Option

Български (Bulgarian)	Английски (English)

You can choose the language in which the training will be conducted – Bulgarian or English. All our instructors are fluent in English.

Student Guides:

The training materials are available in electronic format. They can be used online / offline on any device. Lifetime access.

Lab Environment:

Each student has their own lab environment where the exercises take place, part of the course. You do not need to install software on a computer or special hardware requirements. Participants in a face-to-face format in our Training Center have an individual computer during the training.

At Course Completion:

Lifetime Access - Video Archive 24/7	Certificate of Course Completion
Lifetime access to a video archive with recording of each individual lecture.	Official internationally recognized certificate for completed training course.

Course Duration:

- 5 working days (09:00 – 17:00)
  or
  40 h training (theory and practice) in overtime with a duration of 4 weeks
  Saturday and Sunday 10:00 – 14:00, 14:00 – 18:00, 18:00 – 22:00
  Monday and Wednesday 19:00 – 23:00
  Tuesday and Thursday 19:00 – 23:00

Payment

[For this course you can use and pay with Microsoft Software Assurance Training Vouchers](#)

An application for an invoice is accepted at the time of enrollment in the respective course.

An invoice is issued within 7 days of confirming the payment.

Next Class:

Jul 1

1 July 2024 @ 09:00 - 4 July 2024 @ 17:00 EEST ↻

[AZ-800T00: Administering Windows Server Hybrid Core Infrastructure](#)

Jul 22

22 July 2024 @ 09:00 - 25 July 2024 @ 17:00 EEST ↻

[AZ-801T00: Configuring Windows Server Hybrid Advanced Services](#)

Aug 5

5 August 2024 @ 09:00 - 8 August 2024 @ 17:00 EEST ↻

[AZ-800T00: Administering Windows Server Hybrid Core Infrastructure](#)

Aug 26

26 August 2024 @ 09:00 - 29 August 2024 @ 17:00 EEST ↻

[AZ-801T00: Configuring Windows Server Hybrid Advanced Services](#)

Sep 2

2 September 2024 @ 09:00 - 5 September 2024 @ 17:00 EEST ↻

[AZ-800T00: Administering Windows Server Hybrid Core Infrastructure](#)

[View Calendar](#)

For more information, use the contact form.

We will contact you to confirm the dates.

Prerequisites:

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

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

The course prepares for the following certification levels

- **70-767: Implementing SQL Server Data Warehousing**

- [You can be certified in our test center with a voucher with a discount on the price of the exam.](#)