

# 767 – Implementing a SQL Data Warehouse

## Microsoft Official Courses (MOC)

### Course 20767C: Implementing a SQL Data Warehouse



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### 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.
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# 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
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## 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.

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## Course Format:

<input type="checkbox"/>	<input type="checkbox"/>
<b>Присъствен (Classroom)</b> Курс в Учебната ни зала или В Офис на Клиент	<b>Онлайн (Online/Virtual)</b> Курс във виртуална зала с инструктор

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## Course Language Option

<input type="checkbox"/>	<input type="checkbox"/>
<b>Български (Bulgarian)</b>	<b>Английски (English)</b>

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

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## Student Guides:



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

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## 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.

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## At Course

### Completion:

<b>Lifetime Access - Video Archive 24/7</b>	<b>Certificate of Course Completion</b>

Lifetime access to a video archive with recording of each individual lecture.

Official internationally recognized certificate for completed training course.

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## 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

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## 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.

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## Next Class:



Notice

There are no upcoming events.

For more information, use the contact form.

We will contact you to confirm the dates.

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## **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.
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**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.](#)