

Developing Databases in Microsoft SQL Server 2016

This intermediate Developing Databases in SQL Server 2016 training prepares learners to implement databases in SQL Server 2016 across organizations, ensuring high levels of data availability. This training helps you ensure that the data in your database is accessible at all times without sacrificing its timeliness or relevance if changes get made in short order.

[CBT Nuggets course material](#) →

WEEK 1

Designing and Implementing Database Objects in SQL Server 2016 150 min.

Designing Tables	8
Normalizing Tables	9
Implementing Tables	22
Designing Indexes	7
Implementing Indexes	22
Designing Views	6
Implementing Views	21
Designing Constraints	6
Implementing Constraints	27
Designing Columnstore Indexes	4
Implementing Columnstore Indexes	19

WEEK 2

Implementing Programmability Objects in SQL Server 2016 150 min.

Overview	1
Designing Stored Procedures	7
Implementing Stored Procedures	21
Designing Triggers	7
Implementing Triggers	24
Designing User-Defined Functions	7
Implementing User-Defined Functions	14

Managing Database Concurrency in SQL Server 2016

Overview	1
Implementing Transactions	14

Managing Isolation Levels	13
Resource Locks	8
Optimizing Concurrency	18
Implementing Memory-Optimized Tables	9
Implementing Natively Compiled Stored Procedures	13

WEEK 3

Optimizing Database Objects and SQL Infrastructure 85 min.

Overview	1
Optimizing Statistics and Indexes	21
Analyze and Troubleshoot Query Plans	21
Managing SQL Server Performance	19
Monitoring SQL Server Performance	13
Azure SQL Database	8