tusharnema 🔻

Course

Discussion Progress

Querying Data with Transact-SQL

Resume Course

Audit Access Expires Feb 28, 2019

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Welcome to Querying Data with Transact-SQL

Not sure yet

To start, set a course goal by selecting the option below that best describes your learning plan.

Earn a certificate

Complete the course

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Collapse All

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- Before You Start
- Introduction Welcome
 - **Pre-Course Survey**
 - **Course Introduction**
 - Preparing for the Labs
 - **Suggested Resources**
- Section 1: Modules 1-2
 - Module 1: Introduction to Transact-SQL Getting Started with Transact-SQL
 - Key Points and Additional Reading
 - The SELECT Statement
 - Demo: Using SELECT

Key Points and Additional Reading

- Working with Data Types
- Demo: Working with Data Types
- Key Points and Additional Reading
- Working with NULLs
- Demo: Working with NULLs
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- Summary
- Lab 1: Introduction to Transact-SQL
 - Assessment
 - Exercises
- Module 2: Querying Tables with SELECT
- **Removing Duplicates**
- **Sorting Results**
- **Demo: Eliminating Duplicates and Sorting Results**

Course Tools

■ Bookmarks

Updates

Pursue a verified certificate



Upgrade (\$99) Learn More

Important Course Dates

Today is Feb 25, 2019 15:51 IST

Verification Upgrade Deadline

in 1 month - Apr 1, 2019

You are still eligible to upgrade to a Verified Certificate! Pursue it to highlight the knowledge and skills you gain in this course.

Upgrade to Verified Certificate

Course End

in 1 month - Apr 1, 2019

After this date, course content will be archived.

Course Handouts

- Course Syllabus
- Guide to the DataCamp Environment
- AdventureWorksLT ER Diagram
- · Getting Started with Azure SQL Database

All slides and demo files presented in this course are available in the external GitHub repository for this course.

		Key Points and Additional Reading	Ø
		Filtering and Using Predicates	Ø
		Demo: Filtering and Using Predicates	②
		Key Points and Additional Reading	Ø
		Summary	Ø
	~	Lab 2: Querying Tables with SELECT	
		Assessment	
		Exercises	
~	Sec	tion 2: Modules 3-5	
	~	Module 3: Querying Multiple Tables with Joins	Ø
		Introduction to Joins	②
		Key Points and Additional Reading	Ø
		Inner Joins	Ø
		Demo: Using Inner Joins	Ø
		Key Points and Additional Reading	Ø
		Outer Joins	•
		Demo: Using Outer Joins	②
		Key Points and Additional Reading	②
		Cross Joins	Ø
		Key Points and Additional Reading	Ø
		Self Joins	Ø
		Key Points and Additional Reading	②
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		Exercises	
	~	Module 4: Using Set Operators	Ø
		UNION Queries	Ø
		Demo: Creating UNION Queries	Ø
		Key Points and Additional Reading	Ø
		INTERSECT and EXCEPT Queries	Ø
		Demo: Creating INTERSECT and EXCEPT Queries	Ø
		Key Points and Additional Reading	Ø
		Summary	Ø
	~	Lab 4: Using Set Operators Assessment	
		Exercises	
	~	Module 5: Using Functions and Aggregating Data	
		Introduction to Functions	•
		Scalar Functions	②
		Logical Functions	Ø
		Window Functions	•
		Aggregate Functions	Ø
		Key Points and Δdditional Peading	

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		Grouping Aggregated Data	Ø
		Filtering Groups	Ø
		Key Points and Additional Reading	
		Summary	Ø
	~	Lab 5: Using Functions and Aggregating Data	②
		Assessment	
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~	Sec	tion 3: Modules 6-8	
	~	Module 6: Using Subqueries and APPLY	
		Introduction to Subqueries	Ø
		Demo: Using Subqueries	Ø
		Key Points and Additional Reading	②
		Correlated Subqueries	Ø
		Demo: Using Correlated Subqueries	Ø
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		The APPLY Operator	Ø
		Demo: Using Apply	Ø
		Key Points and Additional Reading	Ø
		Summary	②
	~	Lab 6: Using Subqueries and APPLY Assessment	Ø
		Exercises	O
	~	Module 7: Using Table Expressions	Ø
	~	Module 7: Using Table Expressions Table Expressions Overview	
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	~	Table Expressions Overview Querying Views Key Points and Additional Reading	0 0
	~	Table Expressions Overview Querying Views Key Points and Additional Reading Using Temporary Tables and Table Variables	0
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	*	Table Expressions Overview Querying Views Key Points and Additional Reading Using Temporary Tables and Table Variables Key Points and Additional Reading Querying Table-Valued Functions	0 0 0 0 0
	~	Table Expressions Overview Querying Views Key Points and Additional Reading Using Temporary Tables and Table Variables Key Points and Additional Reading Querying Table-Valued Functions Key Points and Additional Reading	0 0 0 0 0 0
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		Demo: Pivoting Data	•
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		Summary	②
	~	Lab 8: Grouping Sets and Pivoting Data	
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		Exercises	
*	Sec	tion 4: Modules 9-11	
	~	Module 9: Modifying Data	Ø
		Overview of Modifying Data	Ø
		Inserting Data into Tables	Ø
		Demo: Inserting Data	Ø
		Key Points and Additional Reading	Ø
		Updating and Deleting Data	Ø
		Demo: Updating and Deleting Data	Ø
		Key Points and Additional Reading	Ø
		Summary	Ø
	~	Lab 9: Modifying Data Assessment	
		Exercises	
	~	Module 10: Programming with Transact-SQL	Ø
		Transact-SQL Programming Fundamentals	•
		Batches	Ø
		Comments	②
		Variables	②
		Key Points and Additional Reading	Ø
		Conditional Branching	②
		Key Points and Additional Reading	•
		Looping	Ø
		Key Points and Additional Reading	Ø
		Stored Procedures	Ø
		Key Points and Additional Reading	Ø
		Summary	Ø
	~	Lab 10: Programming with Transact-SQL Assessment	
		Exercises	
	~	Module 11: Error Handling and Transactions	Ø
		Errors and Transactions Overview	Ø
		Errors and Error Messages	Ø
		Raising Errors	②
		Demo: Raising Errors	Ø
		Key Points and Additional Reading	•
		Catching and Handling Errors	•
		Demo: Catching and Handling Errors	•
		Var Dainte and Additional Danding	

		key Points and Additional Reading	•		
		Transactions	Ø		
		Demo: Implementing Transactions	Ø		
		Key Points and Additional Reading	Ø		
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	~	Lab 11: Error Handling and Transactions Assessment			
		Exercises			
~	Fin	Final Assessment			
	~	Final Assessment Final Exam			
		Final Assessment	•		
		Section 1	•		
		Section 2	②		
		Section 3			
		Section 4			
	~	Before You Go			
		End of the Course			

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