>Table of Contents< | [Description](http://www.pluralsight-training.net/microsoft/OLT/Course/Description.aspx?n=sql-server-fundamentals) | [Downloads](http://www.pluralsight-training.net/microsoft/OLT/Course/Downloads.aspx?n=sql-server-fundamentals)

expand all | collapse all

**Progress Duration**

Start playing at first clip

|  |  |  |
| --- | --- | --- |
| **Introduction to SQL Server** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 1:14:19 |

|  |  |  |
| --- | --- | --- |
| Overview | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 00:53 |
| What is SQL Server | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 00:55 |
| Application | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:22 |
| Using SSMS | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:46 |
| Drop a Database | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 00:23 |
| Add a Database | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:34 |
| Using T-SQL | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:25 |
| sqlcmd | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 07:20 |
| sqlps | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:42 |
| T-SQL Language | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 03:01 |
| Metadata | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:52 |
| T-SQL Example | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 08:00 |
| Scripting Objects | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:51 |
| Linq To Sql | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:31 |
| Linq to Sql Example | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:20 |
| SMO | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:31 |
| Analysis and Reporting | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:32 |
| SSAS | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:00 |
| SSIS | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:40 |
| SSRS | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:33 |
| Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:08 |
| References | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:00 |

Start playing at first clip

|  |  |  |
| --- | --- | --- |
| **CTE's and Ranking** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:54:52 |

|  |  |  |
| --- | --- | --- |
| CTE and Ranking Overview | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:54 |
| Common Table Expressions | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:44 |
| Demo: CTE | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 11:48 |
| Top | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:15 |
| Demo: Top | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:33 |
| Ranking | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:52 |
| Row Number | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:24 |
| Demo: Row Number | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:48 |
| Rank and DenseRank | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:52 |
| Demo: Rank and DenseRank | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:07 |
| NTile | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:31 |
| Demo: Ntile | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:31 |
| Partitioning | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:58 |
| Demo: Partitioning | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:31 |
| Aggregate Partitions | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:32 |
| Demo: Aggregate Partitions | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:07 |
| Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:25 |

Start playing at first clip

|  |  |  |
| --- | --- | --- |
| **Hierarchies** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 1:09:13 |

|  |  |  |
| --- | --- | --- |
| Title | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:07 |
| Overview | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:29 |
| Hierarchyid/Tree | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:17 |
| Why use hierarchyid? | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:37 |
| Hierarchyid properties | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:54 |
| Demo: Basic Properties | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:50 |
| Demo: Manually finding descendants | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:05 |
| Finding Descendents | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:00 |
| Demo: IsDescendantOf | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:52 |
| Adding Nodes | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:26 |
| Demo: Adding nodes between | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:26 |
| Demo: Adding nodes before/after | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:23 |
| Demo: Adding hierarchyid column to table | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 10:24 |
| Demo:Incrementally adding hierarchyid to table | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:32 |
| GetReparentedValue | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:10 |
| Demo: Moving node | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:53 |
| Depth & Breadth | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:29 |
| Demo: Indexes and triggers | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 07:55 |
| Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:24 |

Start playing at first clip

|  |  |  |
| --- | --- | --- |
| **Managing Query Plans** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 1:15:15 |

|  |  |  |
| --- | --- | --- |
| Overview | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 00:33 |
| Query Plans | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 01:20 |
| Query Optimizer | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 01:12 |
| Plan Reuse | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 01:49 |
| Example Plan Cache | http://www.pluralsight-training.net/microsoft/images/has-been-viewed-checkmark-15.png | 05:45 |
| Example Stored Procedure Plan | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 06:46 |
| Ad hoc Expressions | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:12 |
| Example Ad hoc Optimization | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:56 |
| Example Ad hoc Off | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:36 |
| Parameterization | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:57 |
| Example Parameterization | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 11:13 |
| Example ADO.NET Parameters | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:33 |
| Plan Guides | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:59 |
| Kinds of Plan Guides | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:43 |
| Example Plan Guide | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:18 |
| Managing Plan Guides | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:45 |
| Example Managing Plan Guides | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 06:25 |
| Example Plan Guide From Handle | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:11 |
| Example Object Plan Guide | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:30 |
| Example Optimize For | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:20 |
| Example Template Plan Guide | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:04 |
| Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:08 |

Start playing at first clip

|  |  |  |
| --- | --- | --- |
| **Recursion, Pivoting, and Sampling** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 0:59:14 |

|  |  |  |
| --- | --- | --- |
| Overview | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:08 |
| Recursive Query | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:56 |
| Numeric Recursion Example | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:21 |
| Tabular Recursion Example | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 07:30 |
| Aggregate Recursion Example | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:51 |
| Pivot | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:50 |
| Cross-Tab Example | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 07:55 |
| Group By Equivalent | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:52 |
| Unpivot | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:23 |
| Entity Attribute Value | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:19 |
| Entity Attribute Example | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:12 |
| Sampling | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:24 |
| Sampling Example | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 10:20 |
| Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:13 |

Start playing at first clip

|  |  |  |
| --- | --- | --- |
| **Security I** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 1:03:40 |

|  |  |  |
| --- | --- | --- |
| Overview | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:09 |
| Databases and Security | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:18 |
| Authentication and Authorization | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:24 |
| Principals | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:00 |
| Example Managing Principals | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:44 |
| Example Server Principals | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 05:01 |
| Example Database Principals | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 10:26 |
| Example Role Principals | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:14 |
| Objects | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:24 |
| Authorization and Permissions | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 03:14 |
| Covering Permissions | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:03 |
| Example Authorizing Principals | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:34 |
| Example Using Permissions | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 09:30 |
| Example Impersonation | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 06:09 |
| Groups and Roles | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:44 |
| Example Groups and Roles | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 09:03 |
| Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:13 |
| References | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:30 |

Start playing at first clip

|  |  |  |
| --- | --- | --- |
| **Security II** | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 1:19:02 |

|  |  |  |
| --- | --- | --- |
| Overview | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 02:39 |
| Schemas | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:36 |
| Schemas Example | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 22:46 |
| Schemas Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 04:22 |
| Roles | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:28 |
| Server Roles | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:52 |
| Database Roles | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:50 |
| Roles Example | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 20:20 |
| Roles Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:46 |
| Execution Context | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:44 |
| Changing Execution Context | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 00:50 |
| Execution Context Scope | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:00 |
| Execution Context Example | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 17:09 |
| Execution Context Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:37 |
| Summary | http://www.pluralsight-training.net/microsoft/images/has-not-been-viewed-checkmark-15.png | 01:03 |