Mindluster Platform

# About the course SQL Server for beginners

The SQL Server is a relational database management system from Microsoft. The system is designed and built is to manage and store information. The system supports various business intelligence operations, analytics operations, and transaction processing.

**Programming Category's Courses**

# Course Lesson(150)


Lesson 1 : **Install SQL Server 2019 Step by Step | Developer Edition | Free Software | Install SSMS**

Lesson 2 : **Connecting to SQL Server using SSMS Part 1**

Lesson 3 : **Creating altering and dropping a database Part 2**

Lesson 4 : **Creating and working with tables Part 3**

Lesson 5 : **Adding a default constraint Part 4**

Lesson 6 : **Cascading referential integrity constraint Part 5**

Lesson 7 : **Adding a check constraint Part 6**

Lesson 8 : **Identity Column in SQL Server Part 7**

Lesson 9 : **How to get the last generated identity column value in SQL Server Part 8**

Lesson 10 : **Unique key constraint Part 9**

Lesson 11 : **Select statement in sql server Part 10**

Lesson 12 : **Group by in sql server Part 11**

Lesson 13 : **Joins in sql server Part 12**

Lesson 14 : **Advanced or intelligent joins in sql server Part 13**

Lesson 15 : **Self join in sql server Part 14**

Lesson 16 : **Different ways to replace NULL in sql server Part 15**

Lesson 17 : **Coalesce function in sql server Part 16**

Lesson 18 : **Union and union all in sql server Part 17**

Lesson 19 : **Stored procedures in sql server Part 18**

Lesson 20 : **Stored procedures with output parameters Part 19**

Lesson 21 : **Stored procedure output parameters or return values Part 20**

Lesson 22 : **Advantages of stored procedures Part 21**

Lesson 23 : **Built in string functions in sql server 2008 Part 22**

Lesson 24 : **LEFT RIGHT CHARINDEX and SUBSTRING functions in sql server Part 23**

Lesson 25 : **Replicate Space Patindex Replace and Stuff string functions in sql server 2008 Part 24**

Lesson 26 : **DateTime functions in SQL Server Part 25**

Lesson 27 : **IsDate Day Month Year and DateName DateTime functions in SQL Server Part 26**

Lesson 28 : **DatePart DateAdd and DateDiff functions in SQL Server Part 27**

Lesson 29 : **Cast and Convert functions in SQL Server Part 28**

Lesson 30 : **Mathematical functions in sql server Part 29**

Lesson 31 : **Scalar user defined functions in sql server Part 30**

Lesson 32 : **Inline table valued functions in sql server Part 31**

Lesson 33 : **Multi statement table valued functions in sql server Part 32**

Lesson 34 : **Important concepts related to functions in sql server Part 33**

Lesson 35 : **Temporary tables in SQL Server Part 34**

Lesson 36 : **Indexes in sql server Part 35**

Lesson 37 : **Clustered and nonclustered indexes in sql server Part 36**

Lesson 38 : **Unique and Non Unique Indexes in sql server Part 37**

Lesson 39 : **Advantages and disadvantages of indexes in sql server Part 38**

Lesson 40 : **Views in sql server Part 39**

Lesson 41 : **Updatable views in sql server Part 40**

Lesson 42 : **Indexed views in sql server Part 41**

Lesson 43 : **View limitations in sql server Part 42**

Lesson 44 : **DML triggers in sql server Part 43**

Lesson 45 : **After update trigger Part 44**

Lesson 46 : **Instead of insert trigger Part 45**

Lesson 47 : **Instead of update triggers in sql server Part 46 avi**

Lesson 48 : **Instead of delete triggers in sql server Part 47 avi**

Lesson 49 : **Derived tables and common table expressions in sql server Part 48**

Lesson 50 : **CTE in sql server Part 49**

Lesson 51 : **Updatable common table expressions in sql server Part 50**

Lesson 52 : **Recursive CTE in sql server Part 51**

Lesson 53 : **Database normalization Part 52**

Lesson 54 : **Second normal form and third normal form Part 53**

Lesson 55 : **Pivot in sql server 2008 Part 54**

Lesson 56 : **Error handling in sql server 2000 Part 55**

Lesson 57 : **Error handling in sql server Part 56**

Lesson 58 : **Transactions in sql server Part 57**

Lesson 59 : **Transactions in sql server and ACID Tests Part 58**

Lesson 60 : **Subqueries in sql Part 59**

Lesson 61 : **Correlated subquery in sql Part 60**

Lesson 62 : **Creating a large table with random data for performance testing Part 61**

Lesson 63 : **What to choose for performance SubQuery or Joins Part 62**

Lesson 64 : **Cursors in sql server Part 63**

Lesson 65 : **Replacing cursors using joins in sql server Part 64**

Lesson 66 : **List all tables in a sql server database using a query Part 65**

Lesson 67 : **Writing re runnable sql server scripts Part 66**

Lesson 68 : **Alter database table columns without dropping table Part 67**

Lesson 69 : **Optional parameters in sql server stored procedures Part 68**

Lesson 70 : **Part 69 Merge in SQL Server**

Lesson 71 : **sql server concurrent transactions**

Lesson 72 : **sql server dirty read example**

Lesson 73 : **sql server lost update problem**

Lesson 74 : **Non repeatable read example in sql server**

Lesson 75 : **Phantom reads example in sql server**

Lesson 76 : **Snapshot isolation level in sql server**

Lesson 77 : **Read committed snapshot isolation level in sql server**

Lesson 78 : **Difference between snapshot isolation and read committed snapshot**

Lesson 79 : **SQL Server deadlock example**

Lesson 80 : **SQL Server deadlock victim selection**

Lesson 81 : **Logging deadlocks in sql server**

Lesson 82 : **SQL Server deadlock analysis and prevention**

Lesson 83 : **Capturing deadlocks in sql profiler**

Lesson 84 : **SQL Server deadlock error handling**

Lesson 85 : **Handling deadlocks in ado net**

Lesson 86 : **Retry logic for deadlock exceptions**

Lesson 87 : **How to find blocking queries in sql server**

Lesson 88 : **SQL Server except operator**

Lesson 89 : **Difference between except and not in sql server**

Lesson 90 : **Intersect operator in sql server**

Lesson 91 : **Difference between union intersect and except in sql server**

Lesson 92 : **Cross apply and outer apply in sql server**

Lesson 93 : **DDL Triggers in sql server**

Lesson 94 : **Server scoped ddl triggers**

Lesson 95 : **sql server trigger execution order**

Lesson 96 : **Audit table changes in sql server**

Lesson 97 : **Logon Triggers in SQL Server**

Lesson 98 : **Select into in sql server**

Lesson 99 : **Difference between where and having in sql server**

Lesson 100 : **Table valued parameters in SQL Server**

Lesson 101 : **Send datatable as parameter to stored procedure**

Lesson 102 : **Grouping Sets in SQL Server**

Lesson 103 : **Rollup in SQL Server**

Lesson 104 : **Cube in SQL Server**

Lesson 105 : **Difference between cube and rollup in SQL Server**

Lesson 106 : **Grouping function in SQL Server**

Lesson 107 : **GROUPING ID function in SQL Server**

Lesson 108 : **Debugging sql server stored procedures**

Lesson 109 : **Over clause in SQL Server**

Lesson 110 : **Row Number function in SQL Server**

Lesson 111 : **Rank and Dense Rank in SQL Server**

Lesson 112 : **Difference between rank dense rank and row number in SQL**

Lesson 113 : **Calculate running total in SQL Server 2012**

Lesson 114 : **NTILE function in SQL Server**

Lesson 115 : **Lead and Lag functions in SQL Server 2012**

Lesson 116 : **FIRST VALUE function in SQL Server**

Lesson 117 : **Window functions in SQL Server**

Lesson 118 : **Difference between rows and range**

Lesson 119 : **LAST VALUE function in SQL Server**

Lesson 120 : **UNPIVOT in SQL Server**

Lesson 121 : **Reverse PIVOT table in SQL Server**

Lesson 122 : **Choose function in SQL Server**

Lesson 123 : **IIF function in SQL Server**

Lesson 124 : **TRY PARSE function in SQL Server 2012**

Lesson 125 : **TRY CONVERT function in SQL Server 2012**

Lesson 126 : **EOMONTH function in SQL Server 2012**

Lesson 127 : **DATEFROMPARTS function in SQL Server**

Lesson 128 : **Difference between DateTime and SmallDateTime in SQL Server**

Lesson 129 : **DateTime2FromParts function in SQL Server 2012**

Lesson 130 : **Difference between DateTime and DateTime2 in SQL Server**

Lesson 131 : **Offset fetch next in SQL Server 2012**

Lesson 132 : **Identifying object dependencies in SQL Server**

Lesson 133 : **sys dm sql referencing entities in SQL Server**

Lesson 134 : **sp depends in SQL Server**

Lesson 135 : **Sequence object in SQL Server 2012**

Lesson 136 : **Difference between sequence and identity in SQL Server**

Lesson 137 : **Guid in SQL Server**

Lesson 138 : **How to check GUID is null or empty in SQL Server**

Lesson 139 : **Dynamic SQL in SQL Server**

Lesson 140 : **Implement search web page using ASP NET and Stored Procedure**

Lesson 141 : **Implement search web page using ASP NET and Dynamic SQL**

Lesson 142 : **Prevent sql injection with dynamic sql**

Lesson 143 : **Dynamic SQL in Stored Procedure**

Lesson 144 : **Sql server query plan cache**

Lesson 145 : **exec vs sp executesql in sql server**

Lesson 146 : **Dynamic sql table name variable**

Lesson 147 : **Quotename function in SQL Server**

Lesson 148 : **Dynamic SQL vs Stored Procedure**

Lesson 149 : **Dynamic sql output parameter**

Lesson 150 : **Temp tables in dynamic sql**

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for Business Contact
business@mindluster.com