**SQL TOPICS**

**http://www.sqlservertutorial.net/sql-server-basics/sql-server-insert-multiple-rows/**

<https://www.youtube.com/watch?v=_yog7h4BokQ>

gate smasher videos

**Basic**

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| 1. What is SQL Server 2. Install the SQL Server | 1. Connect to the SQL Server 2. SQL Server Sample Database | 1. Load Sample Database |

**DATA MANIPULATION**

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| 1. SELECT 2. ORDER BY 3. OFFSET FETCH 4. SELECT TOP 5. SELECT DISTINCT 6. WHERE 7. NULL 8. AND 9. OR 10. IN 11. BETWEEN 12. LIKE 13. Column & Table Aliases 14. Joins | 1. INNER JOIN 2. LEFT JOIN 3. RIGHT JOIN 4. FULL OUTER JOIN 5. Self Join 6. CROSS JOIN 7. GROUP BY 8. HAVING 9. GROUPING SETS 10. CUBE 11. ROLLUP 12. Subquery 13. Correlated Subquery 14. EXISTS | 1. ANY 2. ALL 3. UNION 4. INTERSECT 5. EXCEPT 6. Common Table Expression (CTE) 7. Recursive CTE 8. INSERT 9. INSERT Multiple Rows 10. INSERT INTO SELECT 11. UPDATE 12. UPDATE JOIN 13. DELETE 14. MERGE 15. Pivot |

**DATA DEFINITION**

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| 1. Create New Database 2. Drop Database 3. Create Schema 4. Alter Schema 5. Drop Schema 6. Create New Table 7. Identity Column 8. Sequence | 1. Add Column 2. Modify Column 3. Drop Column 4. Computed Columns 5. Rename Table 6. Drop Table 7. Truncate Table 8. Temporary Tables | 1. Synonym 2. SELECT INTO 3. PRIMARY KEY 4. FOREIGN KEY 5. CHECK Constraint 6. UNIQUE Constraint 7. NOT NULL Constraint |

**DATA TYPES**

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| 1. Data Types 2. BIT 3. CHAR 4. DATE | 1. DATETIME2 2. DATETIMEOFFSET 3. Decimal 4. INT | 1. NCHAR 2. NVARCHAR 3. TIME 4. VARCHAR |

**New**

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| 1. EXPRESSIONS 2. CASE | 1. COALESCE | 1. NULLIF |

**Advanced Topics**

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| 1 Views  4 User Defined Functions | Indexes  5 Triggers | 3 Store Procedures |

**Functions**

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| 1 Scalar Functions  2 Table Valued Functions | 3 Aggregate Function  4. Date Functions  5 System Function | 6 String Functions  7 Window Function |