 Introduction to SQL Server  
 The Basic Architecture of SQL Server  
 SQL Server Versions  
 Database  
 Type of Database-System Defined/User Defined  
 Table  
 Type of Table-System defined Table/User Defined Table  
 Type of Database-DBMS & RDBMS  
 Need of Database  
 SSMS-SQL Server Management Studio  
 Import/Export  
Basic Queries in SQL  
 How to retrieve data from SQL  
 SQL Select Statement  
 SQL Distinct  
 Column & Table Aliases  
 SQL Where  
 SQL And OR  
 SQL IN  
 SQL Order by/Group By  
 SQL Is Null  
 SQL Top  
 SQL Between  
 SQL Exists  
Basic Queries in SQL  
 Sorting Data with Order By  
 Filtering data with Top and OFFSET-FETCH  
 Working with Unknown Values  
 SQL Union  
 SQL Union All  
 SQL Intersect  
 SQL Except  
 SQL Aggregate Functions  
 SQL Average,Count,Max,Min,Sum  
 SQL Group by Clause  
 Filtering Groups with Having Clause  
 SQL Concatenate  
 Comparison Operator  
 Logical Operator  
 Wild Card  
SQL Data Types  
  Introduction of SQL Server data Types  
 Working with Numeric & Character Data  
 Working with Date & Time Data  
SQL-Constraints  
 Not Null Constraint  
 Primary Key Constraint  
 Foreign Key Constraint  
 Unique Key Constraint  
 Default Constraint  
 Index Constraint  
 Cluster & Non-Cluster Index  
 Check Constraint  
QUERY  
 Query-Set of Instruction/Requirement  
 Types Of Query  
 DQL-Data Query Language  
 Ex-Select etc.  
 DML-Data Manipulation Language  
 Ex-Insert, Update, Delete etc.  
 DDL-Data Definition Language  
 Ex- Create, Alter, Drop, Truncate etc.  
 DCL –Data Control Language  
 Ex- Grant, Revoke, Deny etc.  
JOIN  
 Advantage of Join  
 Type of Join  
 Inner Join  
 Outer Join-Left Outer Join ,Right Outer Join  
 Self Join  
 Cross Join  
 Full Join  
SQL String Functions  
 Concatenate  
 Substring  
 Char index  
 Len  
 Left  
 Right  
 Rtrim  
 Ltrim  
 Replace  
 Round  
 Convert  
 Reverse  
 Lcase, Ucase  
 Format  
SQL Function  
 Type of Function  
 System Defined Function  
 User Defined Function  
 Date & Time Function  
 Dateadd  
 Datediff  
 Datepart  
 Day  
 EoMonth  
 Getdate  
 Month  
 Year  
 Now()  
Control Flow & Loop  
 Declaring Variable & Assign Variable  
 IF else Statement  
 While Loop  
 For Loop  
 Until Loop  
SQL Procedure  
 What is Store Procedure  
 Syntax of Store Procedure  
 Run Store Procedure  
 Store Procedure with Single Input parameter  
 Store procedure with Multi Parameter  
 Create Table by Store Procedure  
SQL Triggers  
 What is Triggers ?  
 Type of Trigger  
 DML Trigger  
 DDL Trigger  
 Way to Use DML Trigger  
 For/After insert, Update, Delete  
 Instead of Insert, Update, Delete  
Cursor  
 What is Cursor ?  
 Benefits of Using Cursor  
 Type of Cursor  
 How to Use Cursor  
 Eliminate cursor with Temp Table  
  
Interview Preparation  
Job Assistance