

## Adv MS Access & SQL Server Foundation (Without VBA)

### Access

#### Basics

Benefits Of Using Access Over Excel  
Database Concept  
Fields  
Introduction To Access  
Records  
Tables  
Create Autonumber Field

#### Miscellaneous

Conditional Formatting  
Consolidate From Multiple Excel Sheets  
Dashboard In Excel  
Input Masking  
Protecting Access Database  
Triggers  
Validations  
Creating Dashboard In Excel

#### Sql

Create Table In Another Database  
Extract Data For Any Largest Instance  
Extract Data For Minimum Value  
Extract Data From Password Protected Db  
Extract Unique Items Multiple Columns  
Extract Unique Items Single Column  
Filter Between Values  
Filter Data After Grouping  
Join 2 Tables  
Left Join  
Qtrwise Summary  
Summarize By Intervals  
Summarize Data Multiple Criteria  
Summarize Data Single Criteria  
Weekwise Summary

Arrange Data Hierarchy Wise  
Adding Serial No.  
Arrange Data Hierarchy Wise Multi Level  
Calculate Aging  
Calculate Aging In Pivot  
Calculate Aging With Count  
Calculate Customer Base Yearwise  
Calculate Minimum Value  
Calculate Minimum Value For Specific Month  
Calculate Payment Break-up  
Calculate Running Total  
Calculate Salary  
Calculate Salary With Break-up  
Calculated Fields  
Calculating Bonus  
Categorize Performance  
Classifying Achieved Not Achieved  
Classifying Taxes  
Combine Tables  
Comparing Actual Vs Target  
Creating Calculated Fields In Table  
Date Differences  
Delete Records From Table  
Extract Bottom Data  
Extract Data On Basis Of Parameter  
Extract Entire Table  
Extract Records Matching In Another Table  
Extract Records Not Matching In Another Table  
Extract Specific Columns  
Extract Top Data  
Extract Unique Items  
Filter Excluding Criterias  
Filter Multi Column  
Filter Multiple Items In Same Column  
Filter Single Column  
Find Customer With Maximum Invoice Amount  
Formatting Month  
Formatting Numbers  
Formatting Qtr  
Formatting Week  
Formatting Year

Group Numbers  
Inner Join  
Introduction To Sql  
Join Fields  
Join Multiple Tables  
Joining More Than Two Tables  
Make Table Query  
Pivot Query  
Pivot With Row & Column Totals  
Sort Data  
Split Fields  
Summarize Data  
Summary With Grand Total  
Summary With Subtotals  
Update Fields  
Update Joined Fields  
Update Non Matching Records  
Update Non Matching Records On Basis Of Selection  
Update Prices  
Using Dlookup  
Using Subquery  
Wild Card Filters  
Year-monthwise Summary  
Year-qtrwise Summary  
Yearwise Summary

## **External Data**

### **Excel To Sql Server**

Import Data From Excel

### **Excel To Access**

Copy/paste  
Import  
Linked Tables  
Move  
Using Parameter  
Using Parameter With Dropdown  
Using Parameter With Multiple Dropdowns  
Using Parameter To Filter Data

### **Access To Excel**

Extract Table From Access  
Extract Unique Items From Access

Query  
Export Data

### **Access To Other**

Export Data

## **Objects**

### **Macros**

Import Data From Excel By Macro  
Create Macro To Empty Table  
Create Macro To Import Data From Excel  
Create Macro To Make Table

### **Report**

Create Report  
Create Report On Basis Of Selection  
Exploring Report Options  
Group By Different Date Criterias  
Group By Multiple Criteria  
Group By Single Criteria

### **Forms**

Creating Picture Frame  
Displaying Pictures  
Show Other Form On Click  
Introduction To Forms  
Creating Form  
Using Textbox  
Using Commandbutton  
Extract Data On Basis Of Input From Textbox  
Extract Data On Basis Of Input From Listbox  
Extract Data On Basis Of Input From Combobox  
Create Dependent Dropdowns  
Create Subform  
Populate Data In Listbox Dynamically  
Using Macro Statements  
Creating Navigation Form

### **Queries**

Creating & Saving Queries  
Running Queries

### **Tables**

Composite Key  
Create Fields  
Create Table

Delete Fields  
Foreign Key  
Primary Key  
Rename Fields

## Sql Server

### Basics

Comments  
Create Database  
Differences Between Access & Sql Server  
Hierarchy  
Introduction To Sql Server  
System Databases

### Objects

Benefits Of Functions  
Benefits Of Views  
Create Database  
Create Functions  
Create Scalar Valued Function  
Create Table Valued Function  
Create Views  
Limitations Of Views  
Use Functions In Query

### Sql

Create Functions  
Create Pivot  
Create Scalar Valued Function  
Create Table Valued Function  
Create Views  
Create Yearmonthwise Summary  
Extract Data From Table  
Extract Matching Record In Multiple Tables  
Extract Non Matching Records In Multiple Tables  
Use Functions In Query  
Using Case