MS Access Database with SQL and VBA

Create business databases in MS Access 2024/365 with tables, queries, SQL, forms, reports, macros and VBA.

COURSE AT A GLANCE

Duration	40 to 50 hours
Level	Advanced
Class time	Mon to Fri: 1 hour daily, or Sat and Sun: 2-hour classes
Batch size	1 to 3 students (one-to-one or small group)
Mode	Live online on Google Meet
Language	Hindi or English
Projects	Live projects and a final certification project
Certificate	Yes, with real project work
Support	Phone and Google Meet doubt support
Demo	Free 3-4 day demo class

BENEFITS

- Manage records better than a plain spreadsheet
- Create forms and reports for your office
- Use SQL and VBA to automate your database

YOUR GOAL

Design and deliver a working Access database project.

WHO SHOULD LEARN

Small offices that need a simple database.

HOW IT IS TAUGHT

Live on Google Meet by Sujeet Sir in Hindi or English, with real company examples, projects, a certificate and doubt support on phone after the course.

COURSE OUTLINE

1. Basic Access database

Introduction, creating tables and data types, copying data from Excel, macros in tables, subdatasheets, OLE objects, importing from Excel, Access, Oracle or Outlook, exporting to Excel, XML and PDF.

2. Queries

Query wizard, cross tab, find duplicates and unmatched, design queries with conditions and LIKE, calculations and built-in formulas, financial formulas (PMT, PV, FV, IPMT, PPMT), make table, append, update and delete queries, relationships.

3. Queries with SQL

SELECT, AND, OR, BETWEEN, NOT, GROUP BY with SUM, COUNT, MAX, MIN and AVG, DISTINCT, LIKE, IN, EXISTS, HAVING, UNION, INNER JOIN, INSERT, UPDATE, DELETE, CREATE, DROP and ALTER TABLE.

4. Forms

Simple forms with buttons, choosing fields, formatting, forms with 3 or more tables, form wizard, live project.

5. Form with SQL and built-in functions

Forms connected to queries, INSERT from a form button, combo box by state, live project, logical, text, date and time, lookup, database and math functions.

6. Access macros

Macros in forms, with events and with conditions.

7. VBA macros programming

Introduction, data types, calculations, functions and formulas, connecting other applications, VBA code in forms, events, pictures and objects, list box and combo box automation.

8. Advanced forms and picture automation

UserForm concepts, TextBox, Label, ComboBox, ListBox, duplicate filters, multi-page forms, PDF and media player, pictures and charts on forms.

9. Database connectivity and reports

Excel, Notepad and web data, embedding applications, SQL or Oracle, file and folder access, reports with PDF, MS Word and HTML, live project for final certification.

YOUR TRAINER

Mr. Sujit Kumar Singh (MCA), MIS & Data Analyst
Excel, VBA, Power BI, SQL and Python trainer with 21+ years of experience. Worked as an MIS Executive and VBA Developer in 10+ companies and is a report consultant for 40+ organizations. Founder of IPT Excel School (2007), one of the first institutes offering live online Advanced Excel and MIS training. YouTube: Sujeet Kumar Advanced Excel Training in Hindi.

Join a free 3-4 day demo class. Call or WhatsApp Sujeet Sir on +91 88025 79388 and book your batch. Live online on Google Meet, in Hindi or English.