

# Advanced SQLite And Application Analysis

## Pass Holder Exclusive • Three-Day Instructor-Led Course

For more information contact: [training@accessdata.com](mailto:training@accessdata.com)

The Advanced SQLite and Application Analysis Pass Holder Exclusive three-day instructor led training focuses on SQLite Query writing. During this course students will be introduced to the structure of SQLite query writing and learn how to build upon the basics to build more advanced queries. Whether it's an unsupported database, or you just want to build custom output, SQLite query writing can help in any investigation.

### Prerequisites

This hands-on class is intended for any users, investigators, or analysts that are encountering SQLite databases in the field. No prior coding/scripting experience is needed, but may help.

To obtain the maximum benefit from this class, you should meet the following requirements:

- Able to understand course curriculum presented in English
- Perform most operations on a personal computer
- Be familiar with the Microsoft Windows environment

### Class Materials and Software

You will receive the associated materials prior to the course.

During this three-day, hands-on course, participants will perform the following tasks:

- Write basic queries for formatted data extraction from SQLite database tables
- Write customized queries for data analytics involving SQLite databases.
- Custom reporting and visualization of SQLite query output

The course includes multiple hands-on labs that allow students to apply what they have learned in the workshop.

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### Module 1: SQLite Query Statements

Objectives:

- SELECT statement syntax
- Basic Filtering
- Basic Organization
- JOINS

### Module 2: Calculation and Conversions

Topics:

- Operators and Operations
- Timestamps
- Conditionals
- BLOB data

### Module 3: Filtering Expanded

Topics:

- Multiple WHERE criteria
- Fuzzy Matching
- Grouping

### Module 4: Advanced Query Building

Topics:

- Sub Queries
- Alias
- Data Normalization
- Multi-Database Queries

### Module 5: Reporting

Topics:

- Visualizations
- Excel macros
- FTK Bookmarking
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