

SQL Essentials

Overview:

This 1-day course is designed as an introduction to the basic concepts behind Structured Query Language (SQL). Students will learn about the history of SQL as well as some background information on relational databases. Other topics include basic reading queries, conditional queries, aggregate queries, joins, subqueries, and the creation and modification of table structures. Hands-on exercises require students to write their own SQL queries to reinforce the concepts covered in the course. Students will leave the course with a solid foundation for writing and understanding SQL queries. *This course does not cover the SQL generated by the MicroStrategy Engine.*

Cost:

- US\$650 per person or 1 LU

Number of Days:

- 1 day

Who Should Attend:

- Project designers
- Report developers
- Anyone who has an interest in learning SQL for the purpose of understanding and troubleshooting queries

Prerequisites:

- None

Topics:

- Introduction to SQL and Relational Databases
 - Introduction to SQL
 - Relational Databases
- Basic Data Access
 - Basic Reading
 - Qualified Reading
 - Aggregated Reading
- Advanced Data Access
 - Joins
 - Subqueries
- Modifying Data and Structures
 - Table Creation
 - Views
 - DROP
 - Data Manipulation