

Sybase Fundamentals
Duration : 2 days

Day 1

1. Sybase Overview
2. Client/Server Architecture
3. System Databases and objects
4. System tables
5. Databases
 - a. Creating
 - b. Accessing
 - c. Altering
 - d. Dropping
6. Datatypes
 - a. System-defined
 - b. User-defined
7. Queries
 - a. Select
 - b. Choosing columns
 - c. Character strings in Column /Query
 - d. Eliminating Duplicate Query Results
 - e. Selecting Specific Rows
 - i. Relational operators
 - ii. Restriction based on a range
 - iii. Restriction based on list
 - iv. Searching for null
8. Sorting
9. Grouping & summarizing
10. Built-in functions
11. Joins
 - a. Equijoin
 - b. Natural Join
 - c. Self Join
 - d. Cross Join
12. Union operator
13. Tables
 - a. Creating Tables
 - b. Dropping tables
 - c. Altering Tables

Day 2

14. Database Integrity

- a. Indexes
 - i. Clustered Indexes
 - ii. Non-clustered Indexes
 - b. Unique Indexes
 - c. Creating an Index
 - d. Dropping an Index
15. Constraints
- a. Unique
 - b. Primary Key
 - c. Default
 - d. Check
16. Data Manipulation Language
- a. Adding
 - b. Deleting
 - c. Updating
17. creating a table using select into
18. Subqueries
- a. Types of Subqueries
 - b. Using in,any,all
 - c. Correlated subqueries
 - d. Restrictions on subqueries
 - e. Nested subqueires
19. Views
20. Batches and Stored Procedures
- a. Paramterized procedures
21. Transaction
22. Locking
23. Triggers