DB2 for z/OS and SQL

Duration: 2 Days

Course Description: This five-day instructor-led course provides students with the knowledge and skills to administer SQL Server 2008. The course focuses on support tasks, including installation, upgrading, backups, restores, monitoring, and auditing. First, the concepts of DB2 are presented and discussed. The Structured Query Language (SQL) is presented as the means to access DB2 data (and to create and secure DB2 components).Several guided, hands-on, practice sessions give each attendee an opportunity to use SQL to access data. QMF and/or SPUFI are used to execute SQL statements. Referential Integrity concepts and implementation are covered.

Audience: Experienced Data Processing personnel who need use SQL to access DB2 data.

Prerequisites: At least six months of TSO/ISPF is recommended. No previous database experience is needed.

Topics:

DAY 1

- Introduction to DB2
- Course Introduction
- DB2 - Concepts, and Terminology
- II. Structured Query Language (SQL)
- SQL 1 - The SELECT Statement
- Hands-on Lab - SELECT
- Database 2 Interactive / SPUFI
- SQL 2 - Special Features
- Hands-on Lab - SELECT / Special Features
- SQL 3 - ORDER BY, GROUP BY, HAVING
- Hands-on Lab - ORDER BY, GROUP BY, HAVING

DAY 2

- II. Structured Query Language (SQL) (Continued)
- SQL 4 - Join, Sub-select, UNION
- Hands-on Lab - Join, Sub-select, UNION
- SQL 5 - Data Definition Language
- SQL 6 - INSERT, UPDATE, DELETE
- Hands-on Lab - Creating DB2 Component
- INSERT, UPDATE, DELETE
- SQL 7 - Data Control Language

APPENDICES

Appendix A - IBM Sample Tables	Appendix I – DB2 for WINDOWs Overview
Appendix B – Bibliography	Appendix J – Additional Features - UDT/UDF, Trigger
Appendix D - EXPLAIN PLAN & Tables	Appendix K – Group By Extensions
Appendix E - Hints to Success	Appendix L – Visual Explain Overview
Appendix F – SQLCODES / SQLSTATES	Appendix Z8 - Changes Summary - DB2 V8
Appendix G – QMF Overview	Appendix Z9 - Changes Summary - DB2 V9
Appendix H – Stored Procedures	Appendix Z9B- DB2 V9 Summary from IDUG Journal