IBM INTRODUCTION TO DB2 FOR Z/OS FOR SYSTEMS AND OPERATIONS PERSONNEL

Course Code: 0259

Explore DB2 Objects Structured Query Language DB2 Commands DB2 Utilities DB2 Logging DB2 Program Preparation.

DB2 11 for z/OS beginning DBAs can develop fundamental skills or recognition through lectures and hands-on exercises of: DB2 Objects Structured Query Language DB2 Commands DB2 Utilities DB2 Logging DB2 Program Preparation The course materials cover DB2 11 for z/OS.

What You'll Learn

- Give an overview of the DB2 9 environment
- Describe and utilize DB2 Objects
- Understand DB2 Logging
- Describe and utilize several DB2 Utilities
- Describe DB2 program preparation process
- Describe the DB2I (DB2 Interactive Facility) environment
- Understand DB2 startup and shutdown
- Use SPUFI (SQL Processing Using File Input) to compose and execute SQL
- Understand and utilize DB2 recovery strategies

Who Needs to Attend

This course is for beginning DB2 for z/OS database administrators who need to acquire the basic skills required to administer a DB2 database in a z/OS environment.

Prerequisites

You should have a working knowledge of

- z/OS, TSO, ISPF, and SDSF
- Sequential, partitioned, and VSAM data sets
- Basic JCL

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VIRTUAL CLASSROOM LIVE	$3,705 CAD	3 Day

Virtual Classroom Live Outline

- z/OS Prequisite Review
- DB2 Relational Database Concepts
- Structured Query Language (SQL) and SPUFI
- The DB2 System
- DB2 Commands and Program Preparation
- DB2 Utilities
- DB2 Shutdown, Startup, and Recovery
- Course Summary
- AGENDA

- **Day 1**
    - ▢ (00:15) Welcome
    - ▢ (00:45) Exercise 4: Tables, Indexes, and views
    - ▢ (00:45) Exercise 7: DB2 Commands
    - ▢ (00:30) Unit 1: z/OS Prerequisite Review
    - ▢ (00:10) Exercise 1: Connecting to z/OS and Creating Data Sets
    - ▢ (00:05) Exercise 1 Review
    - ▢ (01:15) Unit 2: DB2 Relational Database Concepts
    - ▢ (01:15) Unit 3: Structured Query
    - ▢ Language (SQL) and SPUFI
    - ▢ (00:45) Exercise 2: SQL and SPUFI
    - ▢ (00:15) Exercise 2 Review
    - ▢ (01:30) Unit 4: DB2 Objects (Databases and Table Spaces)
    - ▢ (00:45) Exercise 3: Databases and Table Spaces
    - ▢ (00:15) Exercise 3 Review
    - ▢ (01:30) Unit 4: DB2 Objects (Tables, Indexes, and Views)
- **Day 2**

- ⬚ (00:15) Exercise 4 Review
- ⬚ (01:00) Unit 4: DB2 Objects (Qualified Names, Implicit Object Creation, and SQL Statements)
- ⬚ (00:30) Exercise 5: Qualified Names, Implicit Object Creation, and SQL Statements
- ⬚ (00:15) Exercise 5 Review
- ⬚ (01:30) Unit 5: The DB2 System
- ⬚ (00:45) Exercise 6: The DB2 System
- ⬚ 00:15) Exercise 6 Review
- ⬚ (02:00) Unit 6: DB2 Commands and Program Preparation
- **Day 3**
    - ⬚ (00:15) Exercise 7 Review
    - ⬚ (02:00) Unit 7: DB2 Utilities
    - ⬚ (01:00) Exercise 8: DB2 Utilities
    - ⬚ (00:15) Exercise 8 Review
    - ⬚ (01:15) Unit 8: DB2 Shutdown, Startup, and Recovery
    - ⬚ (00:45) Exercise 9: DB2 Recovery
    - ⬚ (00:15) Exercise 9 Review
    - ⬚ (00:30) Unit 9: Course Summary

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PRIVATE GROUP TRAINING	3 Day

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