Training: IBM
z/OS and DB2 Basics for DB2 for z/OS DBA Beginners

<table>
<thead>
<tr>
<th>FORM OF TRAINING</th>
<th>MATERIALS</th>
<th>PRICE</th>
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<tr>
<td>Traditional</td>
<td>Digital materials</td>
<td>2938 EUR</td>
<td>5 days</td>
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LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm
Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

DB2 11 for z/OS beginning DBAs can develop fundamental skills or recognition through lectures and hands-on exercises of:

- TSO/E and ISPF
- Data sets
- DB2 Objects
- Structured Query Language
- DB2 Commands
- JCL and SDSF
- DB2 Utilities
- DB2 Logging
- DB2 Program Preparation

The course materials cover DB2 11 for z/OS.

- Describe several services provided in a z/OS environment
- Explain workloads in the batch environment
- Explain workloads in the online environment
- Describe job roles in a z/OS environment
- Log On to TSO/E
- Navigate TSO/E and ISPF
- Use TSO commands
Setup and utilize JCL (Job Control Language)
Utilize SDSF
Describe the different types of data sets in a z/OS environment
Allocate data sets and list data set information and content
Create and modify data set content
Give an overview of the DB2 9 environment
Describe and utilize DB2 Objects
Describe and utilize several DB2 Utilities
Describe the DB2I (DB2 Interactive Facility) environment
Use SPUFI (SQL Processing Using File Input) to compose and execute SQL
Setup and execute DB2 Commands
Understand DB2 Logging
Describe DB2 program preparation process
Understand DB2 startup and shutdown
Understand and utilize DB2 recovery strategies

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

CONSPECT:

CONTENTS :

○ Introduction
○ TSO/E and ISPF
○ Data Sets
○ JCL and SDSF
○ DB2 Relational Database Concepts
○ Structured Query Language (SQL) and SPUFI
○ DB2 Objects
○ The DB2 System
○ DB2 Commands and Program Preparation
○ DB2 Utilities
○ DB2 Shutdown, Startup, and Recovery
○ Course Summary

AGENDA :

Day 1
(00:30) Welcome
(01:00) Unit 1: Introduction
(01:30) Unit 2: TSO/E and ISPF
(01:00) Exercise 1: TSO and ISPF
(00:15) Exercise 1 Review
(01:00) Unit 3: Data Sets (Data Sets and Sequential Data Sets)
(01:00) Exercise 2: Sequential Data Sets
(00:15) Exercise 2 Review

Day 2

(01:00) Unit 3: Data Sets (Partitioned Data Sets)
(01:00) Exercise 3: Partitioned Data Sets
(00:15) Exercise 3 Review
(00:45) Unit 3: Data Sets (VSAM Data Sets)
(00:30) Exercise 4: VSAM Data Sets
(00:15) Exercise 4 Review
(01:30) Unit 4: JCL and SDSF
(01:30) Exercise 5: JCL and SDSF
(00:15) Exercise 5 Review

Day 3

(01:15) Unit 5: DB2 Relational Database Concepts
(01:15) Unit 6: Structured Query Language (SQL) and SPUFI
(00:45) Exercise 6: SQL and SPUFI
(00:15) Exercise 6 Review
(01:30) Unit 7: DB2 Objects (Databases and Table Spaces)
(00:45) Exercise 7: Databases and Table Spaces
(00:15) Exercise 7 Review
(01:30) Unit 7: DB2 Objects (Tables, Indexes, and Views)
(00:45) Exercise 8: Tables, Indexes, and Views
(00:15) Exercise 8 Review

Day 4

(01:00) Unit 7: DB2 Objects (Qualified Names, Implicit Object Creation, and SQL Statements)
(00:30) Exercise 9: Qualified Names, Implicit Object Creation, and SQL Statements
(00:15) Exercise 9 Review
Day 5

- (02:00) Unit 10: DB2 Utilities
- (01:00) Exercise 12: DB2 Utilities
- (00:15) Exercise 12 Review
- (01:15) Unit 11: DB2 Shutdown, Startup, and Recovery
- (00:45) Exercise 13: DB2 Recovery
- (00:15) Exercise 13 Review
- (00:30) Unit 12: Course Summary

REQUIREMENTS:

There are no formal prerequisites for this course.

Difficulty level

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