

# IBM Associate Certified DBA - Db2 12 for z/OS Fundamentals



## Online Course

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## Course Modules

### 1.Planning

- Connect to DB2 servers
- Db2 databases and the different types of tables & table spaces
- Demonstrate knowledge of subsystem parameters
- Understand DB2 architecture
- Understand data sharing concepts

### 2.Working with SQL and XML

- Understand DML SQL statement
- Knowledge of the most commonly used special registers, etc.,
- Demonstrate knowledge of built-in functions

### 3.Security

- Demonstrate an understanding of restricting data access
- Understand Data Control Language (DCL) SQL statement

### 4.Operations

- Demonstrate a basic knowledge of DB2 and DSN
- Understand the basics of Db2 utilities
- Demonstrate a basic knowledge of troubleshooting
- Understand continuous delivery and function levels





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## **5.Data Concurrency**

- Understand transaction management
- Demonstrate knowledge of locking and isolation levels

## **6.Application Design**

- Knowledge of stored procedures and user defined functions
- Understand the use of temporary tables
- Demonstrate knowledge of triggers and how to use them
- Knowledge of program preparation and BIND options
- Understand the basics of referential integrity and constraints
- Demonstrate knowledge of non-relational data concepts
- Demonstrate knowledge of Temporal and Archive Tables
- Basic differences between writing static and dynamic SQL

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## **7.Working with Database Objects**

- Understand DDL SQL statements
- Demonstrate the ability to look up info in the Db2 Catalog

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