CV041 IBM z/OS and DB2 Basics for DB2 for z/OS DBA Beginners

Category: AI, Data & Analytics | **Vendor:** IBM

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course is intended for students looking to 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.

About This Course

This course is intended for students looking to 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.

Who Should Attend

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.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Describe several services provided in a z/OS environmentExplain workloads in the batch environmentExplain workloads in the online environmentDescribe job roles in a z/OS environmentLog On to TSO/ENavigate TSO/E and ISPFUse TSO commandsSetup and utilize JCL (Job Control Language)Utilize SDSFDescribe the different types of data sets in a z/OS environmentAllocate data sets and list data set information and contentCreate and modify data set contentGive an overview of the DB2 9 environmentDescribe and utilize DB2 ObjectsDescribe and utilize several DB2 UtilitiesDescribe the DB2I (DB2 Interactive Facility) environmentUse SPUFI (SQL Processing Using File Input) to compose and execute SQLSetup and execute DB2 CommandsUnderstand DB2 LoggingDescribe DB2 program preparation processUnderstand DB2 startup and shutdownUnderstand and utilize DB2 recovery strategies

Detailed Course Outline

Day 1

- Welcome
- Unit 1: Introduction
- Unit 2: TSO/E and ISPF
- Exercise 1: TSO and ISPF
- Exercise 1 Review
- Unit 3: Data Sets (Data Sets and Sequential Data Sets)
- Exercise 2: Sequential Data Sets
- Exercise 2 Review

Day 2

- Unit 3: Data Sets (Partitioned Data Sets)
- Exercise 3: Partitioned Data Sets
- Exercise 3 Review
- Unit 3: Data Sets (VSAM Data Sets)
- Exercise 4: VSAM Data Sets
- Exercise 4 Review
- Unit 4: JCL and SDSF
- Exercise 5: JCL and SDSF
- Exercise 5 Review

Day 3

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

Day 4

- Unit 7: DB2 Objects (Qualified Names, Implicit Object Creation, and SQL Statements)
- Exercise 9: Qualified Names, Implicit Object Creation, and SQL Statements
- Exercise 9 Review
- Unit 8: The DB2 System
- Exercise 10: The DB2 System
- Exercise 10 Review
- Unit 9: DB2 Commands and Program Preparation
- Exercise 11: DB2 Commands
- Exercise 11 Review

Day 5

- Unit 10: DB2 Utilities
- Exercise 12: DB2 Utilities
- Exercise 12 Review
- Unit 11: DB2 Shutdown, Startup, and Recovery
- Exercise 13: DB2 Recovery
- Exercise 13 Review
- Unit 12: Course Summary

Additional Course Details

Nexus Humans CV041 IBM z/OS and DB2 Basics for DB2 for z/OS DBA Beginners training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the CV041 IBM z/OS and DB2 Basics for DB2 for z/OS DBA Beginners course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for CV041 IBM z/OS and DB2 Basics for DB2 for z/OS DBA Beginners?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 5-day CV041 IBM z/OS and DB2 Basics for DB2 for z/OS DBA Beginners course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the CV041 IBM z/OS and DB2 Basics for DB2 for z/OS DBA Beginners training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for CV041 IBM z/OS and DB2 Basics for DB2 for z/OS DBA Beginners?

Yes, we provide corporate training, dedicated training, and closed classes for CV041 IBM z/OS and DB2 Basics for DB2 for z/OS DBA Beginners. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for CV041 IBM z/OS and DB2 Basics for DB2 for z/OS DBA Beginners?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your CV041 IBM z/OS and DB2 Basics for DB2 for z/OS DBA Beginners training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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