CE031 IBM DB2 Family Fundamentals

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

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course provides information about the functions of IBM's DB2, a relational database manager which may be installed under a variety of operating systems on many hardware platforms (e.g., z/OS, VM, Linux, UNIX, Windows, etc.)

About This Course

This course provides information about the functions of IBM's DB2, a relational database manager which may be installed under a variety of operating systems on many hardware platforms (e.g., z/OS, VM, Linux, UNIX, Windows, etc.)

Who Should Attend

This basic course is for persons needing an introductory knowledge of DB2, and persons preparing for advanced and specialized DB2 education.

Learning Outcomes

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

List and describe the major components of IBM's relational database, DB2

Explain the characteristics of a DB2 table

Relate the basic concepts of data modeling

Comprehend the processing instructions given to DB2 via simple SQL statements

List and describe several ways to build (write) and execute SQL statements

List and describe steps needed to imbed SQL statements in an application program

Explain some of the functions performed by, and the responsibilities of, database and system administrators

Establish a base for more specialized DB2 education

Detailed Course Outline

Understanding a Table

- Identify the advantages of a relational database

  Define a relation

  Name the language used to talk to a relational database manager (RDBM)

  List three characteristics assigned to each column

  Define the tasks performed by DB2 when running an application

  Defi

Data Modeling and Database Design

- State the purpose of a business model

  Identify an Entity-Relational Diagram (ERD) model

  List several DB2 column data types

  Identify non-standard column and table names

  Identify the characteristics of a primary key and a foreign key

  State the purpose of re

How does a User use DB2

- List several ways to talk to DB2

  List multiple ways to generate an SQL statement

  List several ways to ADD, REMOVE, or CHANGE table rows

  List several ways to READ data and produce reports

How does a Programmer use DB2

- List the steps needed to create a test environment

  List the necessary steps to coding SQL in a program

  Describe the purpose of SQL delimiters

  Describe the purpose of an SQLCA

  List the steps involved in preparing a program for execution

  State the differenc

What does an Administrator do in DB2

- List some of the tasks performed by a DB2 System Administrator: Identifying the DB2 product, Installing DB2, Creating subsystems/instances, databases and table spaces, Authorizing, and Monitoring

  List some of the tasks performed by a DB2 Database Administ

Information Management with DB2

- List several planning considerations for distributing data

  List some of the skills required to successfully distribute data

  Differentiate between remote unit of work, distributed unit of work, and distributed request

  List some of the security concerns whe

Additional Course Details

Nexus Humans CE031 IBM DB2 Family Fundamentals 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 CE031 IBM DB2 Family Fundamentals 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 CE031 IBM DB2 Family Fundamentals?

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 2-day CE031 IBM DB2 Family Fundamentals course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the CE031 IBM DB2 Family Fundamentals training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for CE031 IBM DB2 Family Fundamentals?

Yes, we provide corporate training, dedicated training, and closed classes for CE031 IBM DB2 Family Fundamentals. 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 CE031 IBM DB2 Family Fundamentals?

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 CE031 IBM DB2 Family Fundamentals 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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