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Spark Databox is known to be a pre-eminent platform for software certificate training and career development. Through our mission, we are a pioneer or positive change, improve productivity, increase the workforce, and creating a career opportunity for everyone. We are India's #1 software training institute. Apart from receiving excellent live training you will also receive free self-paced video courses, training materials, placement support, mock interviews and many more.

Program Key Features

- ❖ 100% Practical training
- ❖ Experienced Trainers
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- ❖ Teradata Certification
- ❖ Customized training content
- ❖ Real-time project training
- ❖ Fully equipped cloud lab
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About Course:

The best Teradata online course is here. Our expert trainers at Spark Databox are here ready to guide you and launch your career. The course will teach the learner about the successful use of Teradata. Spark Databox help you successfully clear the Teradata certification exam and advance your career

Course Contents – 40+ Hours

Section 1 : What is Teradata why for it is what for it is

- ❖ What is Teradata?
- ❖ Teradata v12 & versions
- ❖ Teradata History
- ❖ Teradata users scalability
- ❖ Teradata & other RDBMS
- ❖ Teradata warehouse
- ❖ Teradata in the Enterprise
- ❖ Interview Q&A and Certification queries
- ❖ Real time Issues & resolving

Section 2: Teradata architecture & it's components

- ❖ Node Architecture(Shared Architecture)
- ❖ SMP Architecture
- ❖ MPP Architecture
- ❖ Parsing engine(PE) Architecture
- ❖ AMP Architecture & uses
- ❖ Bynet Benefits & types
- ❖ Parallel data extension(PDE)
- ❖ Teradata directory program(TDP)
- ❖ Call level interface(CLI)
- ❖ Trusted parallel application(TPA)
- ❖ Virtual processors
- ❖ Bynet 0 & Bynet 1
- ❖ Parallelism Architecture
- ❖ Permanent Space
- ❖ Spool Space
- ❖ Temp Space
- ❖ Indexes

Section 3 : Recovery & protection of Data

- ❖ What is fall back & where it used
- ❖ Why for fall back
- ❖ What is Clique
- ❖ AMP Clustering
- ❖ Locks & types for simultaneous Access
- ❖ Why for locks & how to release
- ❖ RAID 1 & RAID 5
- ❖ Journals & types
- ❖ Virtual Disk Array
- ❖ How & where is used journals
- ❖ Q & A about data recovery

Section 4 : Teradata indexes

- ❖ Types of indexes in Teradata
- ❖ Hash index
- ❖ Join index
- ❖ Primary index (unique, non-unique)
- ❖ Secondary index (unique, non-unique)
- ❖ Skewness
- ❖ Keys & indexes (How & why these used)

Section 5: How to storage & retrieval of data

- ❖ Hash algorithm
- ❖ Row hash
- ❖ Hash map
- ❖ Hash bucket
- ❖ Receiving VDisc

Section 6: Teradata SQL Quarryman

- ❖ SQL fundamentals
- ❖ Data types and literals
- ❖ DDL Statements
- ❖ DML Statements
- ❖ Teradata naming conventions

Section 7: Teradata SQL Functions & operations

- ❖ String functions
- ❖ Format functions
- ❖ Cast functions

- ❖ Cast functions
- ❖ Group & Aggregation functions
- ❖ Logical operations
- ❖ Arithmetic operations
- ❖ set operations
- ❖ join operations
- ❖ conditional expressions

Section 8: Teradata join strategies & unions

- ❖ hash join
- ❖ merge join
- ❖ nested join
- ❖ product join
- ❖ inner join
- ❖ left & right outer join
- ❖ full outer join

Section 9: Teradata basic commands

- ❖ Help
- ❖ Show
- ❖ Explain
- ❖ Collect statistics

Section 10: Teradata objects

- ❖ Types of tables
- ❖ Set tables
- ❖ Multi tables
- ❖ Volatile tables

Section 11: Global temporary tables

Section 12: Derived tables

- ❖ Views
- ❖ Macros
- ❖ Stored procedures
- ❖ Triggers

Section 13: Teradata memory spaces

- ❖ Permanent spaces

- ❖ Temporary spaces
- ❖ Spool spaces
- ❖ Users spaces & PWD

Section 14: Teradata transaction modes

- ❖ Batch mode
- ❖ BTET mode
- ❖ ANSI mode
- ❖ How Converted into others

Section 15: Teradata performance tuning on SQL Assistance

- ❖ Usage of PMON
- ❖ Explain usage
- ❖ Collecting statistics
- ❖ SQL tuning
- ❖ Various SQL statements
- ❖ Real time Issues & resolving

Section 16: Teradata Utilities & Tools (Import & Export)

- ❖ Teradata BTeq scripts

Section 17: Overview of BTeq

- ❖ Looping stages
- ❖ Batches scripts
- ❖ Import & export scripts with Examples
- ❖ Error handling
- ❖ Real time scripts

Section 18: Teradata FastLoad

- ❖ Types of phages & how to find it
- ❖ Advantages & its process
- ❖ Limitations of fast load
- ❖ Real time scripts

Section 19: Teradata MultiLoad

- ❖ Overview of Multi load
- ❖ Types of phages in MultiLoad
- ❖ Advantages & its process
- ❖ Limitations of MultiLoad

- ❖ Uses various types of operations

Section 20 : Work on Multi tables

- ❖ Real time scripts

Project-1

Section 21: Teradata T pump

- ❖ Overview of T pump
- ❖ Limitations of T pump
- ❖ Work on Multi tables
- ❖ Real time scripts

Project - 2

Section 22: Teradata Fast Export

- ❖ How to export the data

Section 23: Passing parameters

Section 24: IN/OUT Modes

Section 25: Work on Multi tables

Project -3

Section 26: Teradata SQL Assistant(Quarryman)

Section 27: Teradata performance monitor

Section 28: Teradata Administrator usage

Section 29: Teradata performance tuning on scripts

Section 30: Teradata Certification Clearance

Section 31: Interview questions preparations

Section 32: Mock interviews

Section 33: Resume Preparation

You made it!!

Post completion of Teradata Online Course, a proper orientation for placements is done. Spark Databox will help you clear Teradata exam to acquire certificate. With this training from experienced trainers, as professionals, you will be equipped with different proficiencies. This is a chance to open up and widen your prospects.

- Teradata certification
- Interview preparation
- Mock interviews
- Resume preparation
- Knowledge sharing with industry experts
- Counseling to guide you to a right path in Teradata development career



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