

TIB ACADEMY
TRAINING IN BANGALORE

DELIVERING THE
BETTER TRAINING



Flexible, Affordable, Accessible
service.

CALL US
+91 9513332301



TIB ACADEMY'S SERVICE FEATURE



Affordable Fees

We provide quality training with lowest price.
This opportunity is available only at TIB Academy.



Experienced Trainers


Learn technology with a experienced professional who have expertise in their particular technology.




Flexible Timings

We believe that everyone should get the opportunity to learn their desired course. So we provide flexibility timings.

Quick Contact

 Second Floor and Third Floor, 5/3 BEML
Layout, Varathur Main Road, Kundalahalli
Gate, Bengaluru, Karnataka 560066
www.traininginbangalore.com



 info@tibacademy.com

 +91 9513332306

TERADATA





Course - Curriculum

Teradata Training Syllabus in Bangalore

Module 1: Teradata Overview

- Why Teradata?
- What is Teradata?
- Scalability in a Production Environment
- Teradata Competitive Advantages
- Teradata – A Brief History
- The Value of Teradata
- Designed for Today's Business
- Teradata Manageability
- What is a Teradata Database?
- Review Questions

Module 2: Components and Architecture

- What is a Node?
- MPP System
- Cliques
- Major Components of a Teradata System
- BYNET
- The Parsing Engine
- The Teradata Optimizer
- Access Module Processor (AMP)
- Teradata Parallelism
- Linear Growth and Expandability



Course - Curriculum

Module 3 : Accessing a Teradata Database

- BTEQ – SQL
- FastExport
- FastLoad
- MultiLoad
- Teradata Parallel Transporter (TPT)
- UNICODE support

Module 4: Creating a Teradata Database

- A Teradata Database
- A Teradata User
- Initial Teradata System
- Teradata Space Management
- Creating Tables
- Access Rights
- Review Questions

Module 5: Storing and Accessing Rows

- How Does Teradata Store Rows?
- How Do Other Databases Store Rows?
- Primary Indexes
- Creating a Primary Index
- Primary Index Values
- Accessing Via a Unique Primary Index
- Accessing Via a Non-Unique Primary Index
- Primary Keys and Primary Indexes
- Row Distribution Using a UPI
- Row Distribution Using a NUPI



Course - Curriculum

Module 6: Secondary Index and Table Scans

- Secondary Indexes
- Choosing a Secondary Index
- Unique Secondary Index (USI) Access
- Non-Unique Secondary Index (NUSI) Access
- Comparison of Primary and Secondary Access
- Full-Table Scans

Module 7: Data Protection

- Locks
- Access Locks
- Fallback
- Transient Journal
- Permanent Journal

Module 8: Teradata Tools

- Query Submitting Tools
- FASTLOAD Utility
- MULTILOAD Utility
- FASTEXPORT Utility
- TPump
- Administrative Tools

Module 9 : Teradata Installation

- Teradata Installation and Configuration



Other Activities

Assessments

- Objective Assessments

- Syntactical based

- Scenario based

Note: At least 2 objective based assessments in each module

- Hands On – Practical Assessments

- Scenario based

Note: At least 2 Hands on assessments in each module

Assignments

- Hands On – Practical Assignments

Note: At least 4 Hands on assignments in each module

Tasks – Home Work

- Regular tasks on each module

Note: Tasks are focused more to improve self learning

Resume Support & Interview Preparation

- Work on one or two mini projects

- Discuss and convert the current working project into Teradata project to add in resume & to explain Teradata experience in interviews