



# Teradata Training Course Content

## **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

## **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

## **Recovery & Protection of Data**

- What is fall back & where it used
- Why for fall back
- What is Clique
- AMP Clustering

- & 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

### **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)

### **How to Storage & Retrieval of Data**

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

### **Teradata Sql Quarryman**

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

### **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

### **Teradata Join Strategies & Unions**

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

### **Teradata Objects**

- Types of tables
  - Set tables
  - Multi tables
  - Volatile tables
    - Global temporary tables
    - Derived tables
- Views
- Macros
- Stored procedures
- Triggers

### **Teradata Memory Spaces**

- Permanent spaces
- Temporary spaces
- Spool spaces
- Users spaces & PWD

## **Teradata Transaction Modes**

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

## **Teradata Performance Tuning On Sql Assistance**

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

## **Teradata Utilities & Tools (Import & Export)**

- Teradata BTeq scripts
  - Overview of BTeq
  - Looping stages
  - Batches scripts
  - Import & export scripts with Examples
  - Error handling
  - Real time scripts
- Teradata Fast Load
  - Types of phages & how to find it
  - Advantages & its process
  - Limitations of fast load
  - Real time scripts
- Teradata MultiLoad
  - Overview of Multi load
  - Types of phages in MultiLoad
  - Advantages & its process
  - Limitations of MultiLoad
  - Uses various types of operations
  - Work on Multi tables
  - Real time scripts

- Sample scripts
- Teradata T pump
- Overview of T pump
- Limitations of T pump
- Work on Multi tables
- Real time scripts
- Sample scripts
- Teradata Fast Export
- How to export the data
- Passing parameters
- IN/OUT Modes
- Work on Multi tables
- Real time scripts
- Sample scripts
- Teradata SQL Assistant(Quarryman)
- Teradata performance tuning on scripts

GREENS TECHNOLOGYS



Like and follow with us for more details