Teradata Basics

Lesson 00:

Capgemini

Course Goals and Non Goals

➢ Course Goals
  • At the end of this program, participants gain an understanding of Teradata.

➢ Course Non Goals
  • Implementation of advanced programming concepts of Teradata is not the part of this course.

Pre-requisites

➢ Fair knowledge of Database

Intended Audience

➢ Software Engineers and Senior Software Engineers

Day Wise Schedule

- Day 1
  - Lesson 1: An Overview of Teradata
- Day 2
  - Lesson 2: Primary Index Mechanics
- Day 3
  - Lesson 3: Teradata Utilities(Bteq)
- Day 4
  - Lesson 4: Teradata Utilities (Fast Export)
  - Lesson 5: Teradata Utilities(FastLoad)
- Day 5
  - Lesson 6: Teradata Utilities(MultiLoad)
  - Lesson 7: OLAP Functionalities

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- Lesson 1: An Overview of Teradata
  - RDBMS Concepts
  - Teradata Overview
  - Teradata and Data warehouse
  - Components and Architecture
  - Teradata Utilities

- Lesson 2: Primary Index Mechanics
  - Primary Index Mechanics
  - Storing and Accessing data
  - Introduction about Teradata Utility.

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➢ Lesson 3: Teradata Utilities(Bteq)
- Introduction to BTEQ.
- Use of BTEQ
- Transaction Mode in BTEQ
- Conditional Logic in BTEQ
- Teradata Training to BTEQ
- BTEQ Return Codes
- Using BTEQ to Export Data
- Using BTEQ to Import Data
- BTEQ Commands

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- Types of data used in Data mining
- Data Mining applications
- Data Mining products
- Data Mining market

➤ Lesson 7: OLAP Functionalities
- To be familiar with the PARTITION By concept.
- To be familiar with RANK() ,ROW_NUMBER(), QUALIFY functions
- Aggregation Function

References

➢ Student material:
  - Class Book (presentation slides with notes)

Next Step Courses (if applicable)

➢ BI related tool training

Other Parallel Technology Areas

- NA