Teradata Basics

Lesson 00:

People matter, results count.

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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 Utiltities

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

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- Lesson 4: Teradata Utilities (Fast Export)
  - Fast Export Definition
  - Supporting Environment
  - Execution Process
  - Start with .BEGIN EXPORT and .END EXPORT
  - Set the output file with .EXPORT
  - Fast Export Support and Task Commands
  - Some key features of Fast Export

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- Lesson 5: Teradata Utilities(FastLoad)
  - Introduction about Teradata Utility
  - Introduction to Fast Load
  - Supporting Environment
  - Key requirements for Fast Load
  - Basic steps for Fast Load
  - Loading Phase
  - Simple Fast Load Script
  - BEGIN LOADING Statement
  - END LOADING Statement
  - INSERT Statement
  - Data Type Conversion in Fast Load
  - Fast Load Restartibilty
  - Fast Load Command

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- 6.6: Types of data used in Data mining
- 6.7: Data Mining applications
- 6.8: Data Mining products
- 6.9: 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