

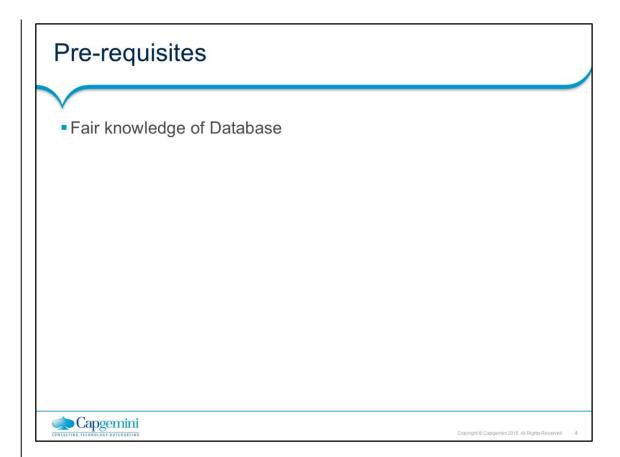
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### Course Goals and Non Goals

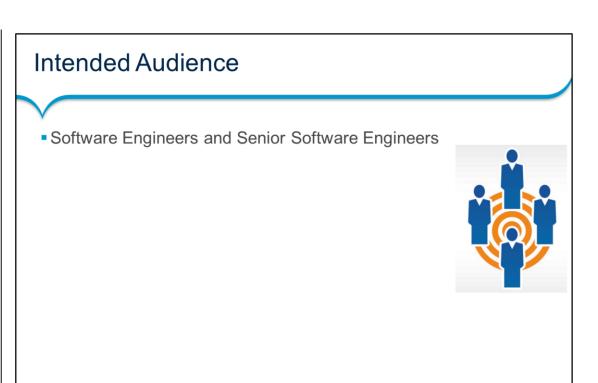
- Course Goals
  - At the end of this program, participants gain an understanding of Teradata.
- Course Non Goals
  - Implementation of advanced programming concepts of Teradata is not the part of this course.







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# 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



- 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.



- 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



- 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



- 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



- Lesson 6: Teradata Utilities(MultiLoad)
  - Introduction about Teradata Utility
  - About Multi load
  - Supporting Environment
  - Multi Load Tasks
  - Multi Load Tasks-IMPORT
  - Phases of Import Task
  - Example of Import Task
  - Multi Load Tasks-Delete
  - Example of Delete Task
  - DELETE Task Differences from IMPORT Task
  - Restarting Multiload
  - MultiLoad Commands
  - To be familiar with popular OLAP functions.



- 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)







