

Oracle SQL

Lesson 00: Basics

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People matter, results count.



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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
12-July- 2016	1.1		Shraddha Jadhav	Integration refinements as per integrated RDBMS LOT Structure

Course Goals and Non Goals

- Course Goals
 - To understand basic SQL and Advanced SQL concepts.
- Course Non Goals
 - Nothing Specific.



Intended Audience

- Software Programmers
- Software Analysts



Day Wise Schedule

- Day 1
 - Lesson 1: SQL Basic Commands
- Day 2
 - Lesson 2: Operators, Single row functions
- Day 3
 - Lesson 3: Group functions, Joins, Sub queries, set operators
- Day 4
 - Lesson 4: Constraints, Adv. Group by, Adv. Subqueries, Managing other DB objects.
- Day 5
 - Lesson 5: Privileges, Multitable Inserts, External Tables
- Day 6
 - Lesson 6: Merge statements, Time zones

Day Wise Schedule

- Day 7
 - Lesson 7: Regular Expressions, Top N Analysis with Clause, Hierarchical retrieval
- Day 8
 - Lesson 8: 11g Features

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- Lesson 1: SQL Basic Commands
 - 1.1: SQL basic Commands
 - 1.2:DDL
 - 1.3:DML
 - 1.4:DRL
 - 1.5:TCL
 - 1.6:DCL
- Lesson 2: Use of Operators , Single Row functions
 - 2.1. Operators
 - 2.2. Single Row functions

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- Lesson 3: Group Functions, Joins, Subqueries , Set operators
 - 3.1: Group functions
 - 3.2: Joins
 - 3.3: Sub queries
 - 3.4: Set operators
- Lesson 4: Constraints, Adv. Group by ,Adv.subqueries , Managing Other db Objects
 - 4.1. Constraints
 - 4.2. Adv Subqueries
 - 4.3: DB Objects

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- Lesson 5: Privileges, Multitable Inserts, External Tables
 - 5.1: Privileges
 - 5.2: Multitable Inserts
 - 5.3: External Tables
- Lesson 6: Merge statements, Time zones
 - 6.1. Merge statement
 - 6.2. Time zones

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- Lesson 7: Regular Expressions, Top N Analysis with Clause, Hierarchical retrieval
 - 7.1: Regular Expressions
 - 7.2: Top N Analysis
 - 7.3: with Clause
 - 7.4: Hierarchical retrieval
- Lesson 8: 11g Features
 - 8.1. Analytical functions
 - 8.2. Read only tables
 - 8.3: Result Cache
 - 8.4: Virtual Columns
 - 8.5: invisible indexes

Next Step Courses

- Oracle PL/SQL