

SQL Basics

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1. RDBMS concepts
2. Basic concept of SQL
3. Writing Simple SQL queries
4. Operators in SQL
5. Single Row function (Case, decode, date functions, trunc, mod, data type conversion NVL, NVL2 etc.)
6. Join strategies
7. Aggregating data using Group functions
8. Subqueries and co-related queries
9. Constraints
10. Views
11. Pseudo Columns and other database objects

PL SQL topics: =====

1. Declaring variables
2. Writing Executable statements
3. Interacting with Oracle Server
4. Writing Control structure
5. Working with Composite data types
6. Cursor (Implicit and explicit)
7. Exception handling
8. Procedure
9. Function
10. Database trigger
11. Packages concepts

Advance Topics:

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SQL

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1. Advanced Subqueries
2. Enhancement to the Group by clause (Rollup and cube)
3. Using SET operators
4. Controlling User access
5. Hierarchical Queries
6. Extension to DML and DDL statements
7. SQL Loader

PL SQL:

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1. More packages and its advantages
2. Oracle supplied packages
3. Manipulating large objects
4. Advance Trigger concepts
5. Managing dependencies
6. Advanced explicit Cursor concepts
7. Ref cursor and record type
8. Pragma

Other More advance topics :

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1. Oracle architecture
2. Sequence and its use
3. Materialized Views
4. Collection
5. Hints in oracle
6. Performance Tuning concepts
7. Partition concepts and partition pruning
8. Explain plan
9. XML parsing in oracle
10. Pipe and Pipeline
11. External Tables in Oracle
12. Managing Large data