



ORACLE DATABASE:

An Oracle database is a collection of data which treated as a unit. The purpose is to store and retrieve related information. A database server is the key to resolve the problems of information management. It also prevents unauthorized access and provides efficient solutions for failure recovery.

Oracle Database is that the first database which is meant for enterprise grid computing, the foremost flexible and cost effective way to manage information and applications. It creates large pools of industry-standard, modular storage and servers.

The database has physical structures and logical structures. The physical storage of data are often managed without affecting the access to logical storage structures.

Overview of Application Architecture:

There are two common ways to architect a database: client/server or multitier

Client/Server Architecture:

Multiprocessing uses quite one processor for a group of related jobs. Distributed processing reduces the load on one processor by allowing different processors to consider a subset of related tasks, thus improving the performance and capabilities of the system as a whole.

The Client

The client may be a database application that initiates an invitation for an operation to be performed on the database server. It requests, processes, and presents data managed by the server. The client workstations are often optimized for its job.



The Server

The server runs Oracle software and handles the functions required for concurrent, shared data access. The server receives and processes the SQL and PL/SQL statements that originate from client applications. The computer that manages the server can be optimized for its duties. For example, it can have large disk capacity and fast processors.

Course Content:

Introduction to ERP:

- Definition of ERP, Overview of popular ERP'S
- Comparison of Oracle Apps with other ERP'S
- Types of Roles
- Types of Projects
- AIM documentation standards
- Oracle Application Architecture.
- Database structure of OA
- Using TOAD

Application Object Library:

- Creating Users



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- WHO columns
- Creating Responsibilities
- Menu construction
- Request group construction

Application development:

- Defining concurrent program
- Concurrent programs with parameters
- Working with multiple concurrent programs
- Scheduling the Concurrent Program
- Concurrent Program incompatibilities
- Creating Request Set
- Procedure registration
- Value sets

Reports registration:

- Report development
- Report registration
- Parametric report registration



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- Reports with repeating frames

Module Overviews:

- Inventory Module flow with base tables
- Accounts Payable module flow with base tables
- Accounts Receivable module flow with base tables
- Order Management module flow with base tables

Form registration:

- Template.fmb
- Appstand.fmb
- Form development using templates
- Form customization concepts
- Form Registration Process
- Custom.Pll
- Using function Zoom_available()
- Using procedure Event()



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Interfaces:

- Introduction to Interfaces
- Outbound Interfaces
- Using UTL_FILE package
- Inbound Interfaces
- Using SQL * Loader tool

Conversions:

- Overview on conversions
- Difference between Interfaces and conversions
- Working with staging table script
- Developing validations package
- Standards to be followed in conversions

Flex Fields:

- Types of Flex Fields
- Descriptive Flex Fields
- Key Flex Fields



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Workflows:

- Introduction to workflow
- Workflow builder
- Attributes
- Creating Processes
- Sending notifications using workflows

XML Publisher:

- Introduction to XML Publisher
- Generating XML file using reports
- Creating Templates
- Creating Data Definitions

Discoverer:

- Introduction to Discoverer tool
- Discoverer Administrator
- Creating EUL
- Creating Business Areas



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- Discoverer Desktop
- Creating work books

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