

BUSINESS OBJECTS

Overview of OLAP tools

SUPERVISOR

Creation of repository
Creation of users and groups
Creation of categories
Defining privileges and profiles
Assigning privileges and profiles to users and groups

DESIGNER

Creation of universes
 Setting the universe properties
 Creation of DB connection
 Extracting table and joins from database
 Creation of classes, sub-classes and objects
 Defining the object properties like Measure,
Dimension or Detail

 Creation of derived data, prompts and conditions
 Creation of lists
 Creation of user defined hierarchies
 Checking the integrity
Resolving loops
 Using aliases
 Using contexts
 Creation of linked universes

BUSINESS OBJECTS REPORTER

Overview of OLAP reports
Data Providers
 Universe
 Freehand SQL
 Stored Procedures

VB Procedures
Report generation from different data providers
Formatting the reports
Creation of derived fields, user objects, sorts, filters and alerts
Merging data from multiple data providers
OLAP features like slice, dice, drill down, drill up and drill through.

Faculty :

Duration :

Fee :

Spl.Advantages:



DATA WAREHOUSE

TRAINING PAR EXCELLENCE



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BASIC CONCEPTS

Data storage methods like FILES, DBMS & RDBMS
OLTP systems
Normalization

DW CONCEPTS

What is Data Warehousing?
Architecture of Data Warehouse
OLTP vs OLAP systems
Data Marts vs Data Warehouse
Enterprise Data Warehouse
Independent and Dependent data marts.
Concepts of staging area, ODS and Presentation layer
Multidimensional Modeling
Design concepts of OLTP and Multidimensional models
Dimensional tables
 Surrogate keys
 Junk, Degenerate & Confirmed dimensions
 Slowly & rapid changing dimensions
Fact tables
 Factless fact table
 Confirmed facts
 Types of measures like additive, semi additive & non-additives
Star schema vs Snowflake schema

Cognos Reportnet with Cognos

Frame Workmanager

1. Framework Manager Workflow
2. Create & Manage Projects
3. Create Package
4. Publish Package

Cognos Reportnet

1. Query Studio
2. Report Studio

Cognos 8

1. Query Studio
2. Report Studio
3. Analysis Studio

Testing The Reports

Project Real Time Workflow

INFORMATICA (ETL TOOL)

ETL architecture
Informatica architecture
Diff. between Power Center and Power Mart servers
Informatica components
 Designer
 Workflow Manager
 Workflow Monitor
 Repository Server
 Informatica Server
Admin functions
 Creation of repository
 Backup and recovery of repository
 Creation of folders
 Creation of users and groups
 Giving privileges on folders to users and groups

DESIGNER

What can be done in designer?

Sources

Targets

Transformations

Mapplets

Mappings

Types of Transformations

 Source Qualifier

 Expression

 Lookup

 Aggregator

 Rank

 Sequence Generator

 Sorter

Stored procedure

Filter

Joiner

Router

Update strategy

Normalizer

Transaction control

Union

Mapping parameters and variables

Connected and Unconnected transformations

Active and Passive

transformations

Tips to improve the performance in mapping level

WORKFLOW MANAGER

Overview of Workflow Manager

Creation of source and target connections

Creation of tasks

 Session

 Command

 Assignment

 Control

 Decision

 Timer

 Event raise

 Even wait

Creation worklets and workflows

Scheduling the workflows

WORKFLOW MONITOR

Views of monitor

 Task view

 Gantt view

Tasks of workflow monitor like stopping, restarting and scheduling the workflows

Accessing session and workflow logs.