

Modeling

- Introduction to SAP.
- Introduction to Business Objects.
- New features in SAP BO BI 4.0.
- Data Warehousing Architecture.
- Business Objects Architecture.
- Data Modeling
- ER Modeling
- Dimensional Modeling.
- Dimensional Tables.
- Fact Tables.
- Different types of Dimension Tables
 - Conformed Dimension Tables
 - Junk Dimension Tables
 - De generative Dimension Table
- Schema
 - Star Schema
 - Snowflake Schema
 - Galaxy Schema
- Slowly Changing Dimensional Tables.
- Fact Table.
- Fact Less Fact Table.
- Different Types of Facts or Measures
- Bridge tables.
- Lookup Tables.
- Top Down Approach
- Bottom Up Approach
- ODS
- Data Mart
 - Dependent Data mart.
 - Independent Data Mart
- Staging Area
- Granularity
- Normalization
- De normalization
- OLTP
- OLAP
- Types of OLAPs

Oracle 10g (SQL)

- Introduction to Oracle Database
- Data Types
- SQL Statements
 - DDL - Data Definition Language
 - DML - Data Manipulation Language
 - DQL - Data Query language
 - DCL - Data Controlling language
 - TCS - Transaction Controlling Language

Built-in functions

- Character Functions

- Numeric Functions
- Data Functions
- Conversion Functions
- Aggregate Functions

Joins

- Inner Join
- Left Outer Join
- Right outer Join
- Full outer Join
- Cartesian Join
- Self Join
- Natural Join

Set Operators

- Union
- Union All
- Intersect
- Minus

SAP BOBI 4.0 - Information Design Tool

- Creation of Project
- Relational Connection
- OLAP Connection
- Data Foundation Layer
- Business Layer
- Edit Connection
- Shortcut Connection
- Secured Connection
- Publishing Connection
- Publishing the Business layer
- Converting Repository Universe from Unv into Unx
- Publishing the Universe to Repository
- Publishing the Universe to Local
- Retrieving the Universe from Repository
- Multi Source Universe
- Data Foundation
- Insert tables in Data Foundation
- Define Joins in Data Foundation
- Cordiality setting in Data Foundation
- Arrange Tables
 - View Table values in Data Foundation
 - Filter Table values in Data Foundation (Wont Impact in Reports O/P)
 - Edit Table values (Removing Columns , Changing Data types & Keys)
 - Calculated Column in Tables
 - Sort and re-ordering the columns in Data Foundation
 - Refresh Structure
 - Derived tables
 - Create Views
 - Detect Join / Cordiality / Alias / Keys / Row Counts
 - Resolving Loops

- Alias
 - Context
- Business Layer
 - Folders (Class)
 - Sub Folder (Sub Class)
- Objects
 - Dimension
 - Measure
 - Attribute
- Filter
 - Native Filter
 - Business Filter
- Hide Folders , Objects & filters
- Show Script
- Show Values
- View Tables and Object Dependency
- Custom Navigation Path
- Queries
- Parameters and List of values
- Check Integrity
- Data Security
- Business Security

SAP BOBI 4.0 BI launchPad & Web I Rich client

- BI launch pad: What's new in 4.0
- Introducing Web Intelligence
- Creating BI workspace
- Folders
- SAP Steam
- Scheduling a Document
- Working with Thin Clients
- Creating Web Intelligence Documents with Queries
- Report Design in the Java Report Panel
- Enhancing the Presentation of Reports
- Formatting Reports
- Creating Formulas and Variables
- Drilling
- Filtering data
- Alerts
- Input Control
- Scheduling
- Sharing Web Intelligence Documents
- Filter
- Formula
- Functions
- Variable
- Merge dimensions
- Alert
- Rank
- Sort
- Break
- Section

- Hyperlink
- Page view
- View Structure
- Refresh
- Purge
- Drill Filter Tool bar
- Drill
- Snapshot
- Download to PDF, Excel & CSV
- Export to CSV
- Scope of Analysis
- Database Rank
- Sub Query
- Combined Query
- Custom SQL
- Changing report source
- Hyperlink

SAP BOBI 4.0 Universe Design Tool

- Connections
- Connection Types
- Universe parameters
- Parameters
- Kinds of Joins
- Loops
- Context
- Aliases
- Class
- Sub Class
- Objects
- ConditionObjects
- Functions
- @Functions
 - @Prompts
 - @Select
 - @Where
 - @Variable
- Cascading Prompts
- Hierarchy
- LOV's
- Cascading LOV's
- Editing the LOV's
- Derived tables
- Check Integrity
- Implementing Security
- Universe options
- Universe Locking
- Linking Universe
- Security Implementation