

SAP BO TRAINING

If you are looking for **SAP BO** Training, then Tek Classes is the right place to get the knowledge. Learn the most fundamental skills of SAP BO and kick start your growth!!

Course Overview

Little about SAP BO and SAP BO Training

Learn SAP BO from Tek Classes. We have designed the SAP BO course content and syllabus based on industry expectations to achieve everyone's career goal. Take up the SAP BO Training to seek your dream career!!

Modes of Training: Tek Classes offer SAP BO training in classroom, online and self-paced video modes.

SAP BO Online Training in Bangalore– We offer online SAP BO Tutorials through various online technologies like GoToMeeting and WebEx. If you are a working professional then learning SAP BO online from Tek Classes is the best choice. Here, you will get quality guidelines and real-time projects at your own time. We also support our students 24*7 for any assistance.

SAP BO Training in Bangalore – We offer the best classroom SAP BO course in Bangalore. We have quality skilled and industry expert trainers to train you on different advanced topics . They are good at providing real time examples and practical scenarios while explaining concepts. Join the best SAP BO Training Institute in Bangalore, join Tek Classes.

SAP BO Training Videos – Take SAP BO tutorial videos by joining our Self-paced videos. These SAP BO tutorials prepared for those who want to gain knowledge in SAP BO which is focused on the concepts, real time scenarios, case studies, and much more.

Unit 1 Data warehouse Concepts

- ❑ DW Architecture
- ❑ Data Modeling
- ❑ ER Modeling
- ❑ Dimensional Modeling.
- ❑ Dimensional Tables.
- ❑ Fact Tables.
- Diverse 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.
- ❑ Diverse 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

Unit 2 Database concepts:

- Introduction to Oracle Database
- Data Type
- SQL Statements
- DDL - Data Definition Language
- DML - Data Manipulation Language o 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

Unit 3 Business Objects Introduction

- Overview of Business Objects Suite
- Extendibility of Business objects
- Role of Business objects in Data warehousing real time life cycle
- Architecture and Administration
- BO Architecture and Process flows
- CMC Overview and Authentication and
- Security Model

- Create a report using BI Launch pad

Unit 4 BI Launchpad

- User interface
- How to access the sample reports in BI Launch pad
- Match descriptions of BI Launch pad
- Reporting applications with key Characteristics
- Procedure for creating a new folder or Category in BI Launch pad
- Open a sample report in BI Launch pad
- Create a new folder or category in the
- Navigation panel
- Creating BI Launch pad document
- Saving BI Launch pad document
- Publishing BI Launch pad report
- SAP Steam
- Scheduling a Document
- Working with Thin Clients
- Creating Web Intelligence Documents with Queries
- Report Design in the Java Report Panel

Unit 5 Web Intelligence Reporting

- BI launch pad: What's new in 4.0
- Introducing Web Intelligence
- Accessing information with Web Intelligence
- Understanding how universes allow you to Query database using Everyday business terms
- Understanding Web Intelligence Core Functionalities
- Creating a document in the Web Intelligence Rich Client
- Viewing a Web Intelligence document in BI Launch pad
- Building a simple query
- Modifying a document query
- Working with query properties
- Restricting data with query filters
- Modifying a query with a predefined query Filter
- Applying a single-value query filter
- Using prompts to restrict data
- Using complex filters
- Working in the Report Panel
- Displaying data in tables and charts
- Using breaks and cross tabs
- Formatting break, calculations, and report filters
- Formatting breaks and cross tabs
- Using default and custom sorts

- Ranking data to see top or bottom values
- Using Alert to highlight information
- Organizing a report into sections
- Preparing document for PDF and print
- Formatting charts
- Understanding formulas and variable
- Creating formulas and variables to calculate data
- Creating multiples queries in a document
- Drilling into the data
- Setting Web Intelligence drill options
- Exporting documents from the Rich Client
- 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
- Scheduling a Web Intelligence document

- Document Linking
- URL Linking
- Setting BI Launch pad preference

Unit 6 Information Design Tool

- What is the Information Design Tool (IDT)
- Universe Design Tool Vs Information Design Tool
- Create the data foundation
- Create a database connection
- Create a data foundation
- Define joins in a data foundation
- Create a business layer
- Create folders and objects
- Create measure objects
- Define data restrictions
- Use functions also Aggregate Awareness
- Maintain universes
- Deploy and manage and maintain universes
- Understanding how universes allow users to query databases using their everyday
- Creating an ODBC connection to the course database
- Creating a universe
- Populating the universe structure
- Defining joins in a universe
- Understanding classes and objects
- Creating classes and objects
- Understanding measure objects
- Working with LOVs in Designer
- Creating a cascading LOV
- Resolving loops using aliases
- Resolving loops using shortcut joins
- Resolving loops using contexts
- Resolving chasm traps
- Resolving fan traps
- Restricting the data returned by objects
- Using @ Functions
- Working with hierarchies
- Using derived tables
- Creating links between universes
- Setting access restrictions on a universe
- Documenting universes
- Deploying and maintaining universes

- 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
- Cardinality 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 / Cardinality / 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

Unit 7 SAP BOBI 4.0 Universe Design Tool

- Connections
- Connection Types
- Universe parameters
- Parameters
- Kinds of Joins
- Loops
- Context
- Aliases
- Class
- Sub Class
- Objects
- Condition Objects
- 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

Unit 8 Live office Reporting

- Describe the benefits of using Live Office
- Connect to the repository
- Navigate the Live Office menu
- Insert charts, crosstabs, and fields from a Crystal report
- Insert report parts from a Web Intelligence document
- Insert a new query based on a Universe
- Insert Live Office objects into an email
- Navigate and refresh Live Office objects
- Enable consolidated prompts
- Set refresh settings for objects
- Set parameter binding
- Take a snapshot
- Save Live Office documents to the repository
- Open and view Live Office documents from the repository

Unit 9 Query as web Service

- Usage of Query as web service
- How to configure and use
- Convert query to webs services
- Use web services data into report
- Creating Web Intelligence reports using web service

Unit 10 Migration

- MIGRATION FUNDAMENTALS
- How Business Objects Enterprise XI 3.0
- Migration concepts
- Import Wizard Concepts
- Understanding object migration
- Understanding user and group migration
- Migration planning and assessment

- After migration with the Import Wizard
- Report Conversion Tool
- Upgrade Management tool
- Migrating universe using IDT

Unit 11 Administration

- Understand the Business Objects
- Enterprise interface & architecture
- Manage Business Objects Enterprise content
- Secure Business Objects Enterprise content
- Secure application security
- Schedule content
- Publish reports
- Identify Business Objects Enterprise architecture
- Perform common server management tasks
- Manage the Business Objects Enterprise servers

Unit 12 Security implementation

- Creating Secured users & group
- Creation secured connections
- Creation of Secured objects
- Creation of security at Table, Column & row level
- Creation of secured restriction set and mapping to users or groups
- Data Security Profile
- Business Security profile

Unit 13 Import Wizard and Publishing Wizard

- Using Import wizard
- Creation of BIAR
- Migrating the BO objects
- From one CMS TO ANOTHER CMS
- Migrating the objects from one domain to another (dev/stage/Prod)
- Backup & Maintenance Deployment

Unit 14 Performance improvement

- Shortcut Join
- LOV
- Aggregate Awareness

- Index Awareness
- Derived tables
- Materialized view

Unit 15 Sample project