

BODS Course Content

Week - 1

Overview of Data Warehouse

- Data Warehouse Functions and Implementation
- Data Warehouse Products and Vendors
- About SAP's Data warehouse-SAP BW
- SAP BW functions
- Benefits and Limitations
- About Business Objects and their Products
- Why SAP Acquired Business Objects
- Data Centric Vs Process Centric DWH system.

Introduction to SAP BO Data Service

- About Data Services
- Importance of Data Integration and Data Management
- Data Services Product Evolution ATL & DI & DQ
- Architecture - by Components
- Data Services Tools and its functions
- Data Services Objects and Objects Hierarchy
- BODS Objects Naming standards
- BODS Objects comparison with SAP BW Objects

Introduction to Data Services - Basic Level

- Repository Manager-BODS Repository
- Repository Types- Local, Central & Profile
- Repository Creation and Up gradation
- Server Manager-Job Server(JS) and AS (Access Server)
- JS and AS Creation & Job Server-Repository Assignment
- Management Console - Overview & Components
- Data Service Designer - Overview & GUI
- Overview Designer to Develop First EFlow

Week - 2

Data Extraction Database Tables

- Data Extraction Excel Workbook - Multiple Sheets
- Data Extraction Flat files CSV & Notepad & SAP Transport
- Data Extraction XML File DTD & XSD
- Data Extraction COBOL Copybooks
- Data Distribution to Flat File and XML
- Dynamic Extraction - Files Selection and Sheet Selection

Data Services-Transforms

- Transforms and Categories DI, DQ, PF
- Data Integration - Data_Transfer, Date_Generation
- Data Integration - Effective_Date, Hierarchy_Flattening
- Data Integration - History_Preserving, Key_Generation
- Data Integration - Pivot, Reverse_Pivot, XML_Pipeline
- Platform - Case, Map_Operation, Merge, Query
- Platform - SQL, Validation Custom ABAP Transform

Data Services-Advance Level

- BODS Admin Console - Administration, Auto Reporting.
- Real time Jobs, Embedded Data Flows Variables, Parameters,
- Substitution Parameters, System Config
- Debugging, Recovery Mechanism
- Data Assessment - Data Profiling
- BODS Performance Tuning Techniques
- Multi-User Development Environment - Intro & Advantages
- Multi-User Environment Implementation & Migration

BODS Course Content

<p>Overview Data store and Formats</p> <ul style="list-style-type: none">• Datastore- and Types• Datastore – DB,SAP & Adopter & Web Service• Formats – Flat files & Excel & DTD & XSD & COBAL Copybooks <p><u>Week – 3</u></p> <p>Introduction to Data Services-SAP Systems Handing</p> <ul style="list-style-type: none">• SAP System – Intro & SAP System allowed & Terminology• SAP BODS & SAP ERP / SAP BI Integration• SAP BODS User & Role creation SAP• SAP ERP – Data Flow & Interfaces & Objects allowed BODS• SAP Application Datastore – Properties• SAP ERP – Tables and Hierarchies Data Extraction• SAP ERP – Getting RFC enabled Functions Modules• SAP ERP – IDOC Data Extraction and IDOC Data Loading• SAP ERP – Extraction Flat file data SAP APP Server• SAP BW – Data flow & interfaces & Objects allowed BODS• SAP BW Source & SAP BW Target Datastores• SAP BW – Extracting Data from• SAP BW infoproviders – OHD• SAP BW – Extracting Data from SAP BW Bases tables-/BIC/• SAP BW – Loading Data to SAP BW infoproviders MD & TD• SAP BW – BW Jobs Execution	<ul style="list-style-type: none">• BODS Object Migration Techniques <p><u>Week – 4</u></p> <p>SAP BOBJ RAPID MARTS</p> <ul style="list-style-type: none">• Rapid Marts – Introduction, Advantages, Limitations• Total Rapid Marts SAP offering, Rapid Marts for SAP Solution• Rapid Marts – Versions, Dataflow, Content• Why and Whom to go for Rapid Marts implementation?• Rapid Marts implementation Out of Box:• Environment Checklist• Recommend for Upgradation• Environment setup Pre installation phase• Installation of RM Data Model, ETL, Visuals• Configuration of RM ETL, Visuals• RM File and Custom ABAP Transform Maintenance• Rapid Mart directory Maintenance• Rapid Marts Testing – Sample Data Loads, Testing Reports• Rapid Marts Recovery Mechanism – For Delta Loads• Rapid Marts implementation – Customization as per Req• Data Model Customization• ETL Customization• Visuals Customization• Rapid Marts Performance Tuning Techniques Standard
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