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(SAP Business Intelligence 7.0)

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Mainstream Institute(ISO 9001:2008) is a prestigious leading training organisation being located In Nayapalli, Bhubaneswar.

Course Details

What is SAP BI?

Why SAP BI?

How SAP BI?

BI - Enterprise Data Warehousing

- Architecture of SAP NetWeaver BI 7.0

- Introduction to SAP R/3 (ECC).

- Introduction to BI Architecture.

- Multi dimensional Modeling, Star Schema, BW extended Star Schema

Master Data in the Real Business.

Transaction Data in the Real Business.

MODELLING:

Defining BI Data Target Objects:

InfoObjects:

Attributes

Texts

InfoCubes:

Standard InfoCubes

Virtual InfoCubes

Data Store Objects (DSO):

Standard DSO

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Write Optimized DSO

Direct Update DSO

Source Systems:

- File

- SAP

- Database

- Web Service

Data Sources:

- Data Source for Flat File

- Data Source SAP Systems.

- Data Source for Data Base System.

- Data Source Web Services.

Extraction BI Objects:

- Inserting Characteristic as an info provider

- InfoPackage

- Data Transfer Process

Other SAP BI Objects:

- InfoProviders

- InfoSource

- MultiProviders

- Transformation

- InfoSets

- Aggregates

Down Stream BI Objects:

- Open Hub Destination

Designing Data Flow Design and Loading of Master Data into BI from FLATFILE

- Data Flow Design to load Master Data Attributes into InfoObject using Flat Files.

- Data Flow Design to load Master Data Texts into InfoObject using Flat Files.

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Designing Data Flow Design and Loading of Transaction Data into BI from

FLAT FILE:

- Data Flow Design to load Transaction Data into InfoCubes using Flat Files.
- Data Flow Design to load Transactional into InfoCube through DSO using Flat File.

SAP BI Content:

- Benefits and use of the business content
- Introduction to administration of BI data targets
- Transports and Landscapes

BEx – Reporting:

Query Design and Query Analyzer:

- Architecture and functions of the SAP BI Analysis Tools
- Creating Query Definitions with the BEx Query Designer
- Analyzing the Query in the BEx Analyzer
- Filters and
- Free Characteristics
- Exceptions and
- Conditions
- Calculated Key Figures and
- Restricted Key Figures
- Variables (Characteristic based single values)
- Variables (Characteristic based multiple single values)
- Variables (Characteristic based interval values)
- Variables (Characteristic based select option values)
- selection
- Formulas

SAP R3 ECC- BI Extraction:

SAP BI Content:

- Standard InfoObject

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- Standard InfoCub

- Standard DataStoreObject

- Collecting Objects

- Grouping Objects

- Installing Objects

Components of the data flow and extracting data from SAP Source Systems in the BI

Various types of Standard R3 Extractions:

- Master data Extraction.

- Extraction from Master Data Table.

- Transaction Data Extraction.

- Extraction from SD and FI

Generic Extractions from SAP R3 System:

- Master data Extraction.

- Extraction from Master Data table.

- Transaction Data Extraction.

- Extraction from Transaction Data Table.

BI – Performance Tuning: Reporting and support

- Effective query design, Compression, Partitioning

- Aggregates: Creating Aggregates.

- Infocube Partitioning,

- InfoCube Remodeling