SAP – BW COURSE CONTENT

- Week 1
- Introduction to Data Warehousing
- Multidimensional Modeling
- BW Architecture
- Extended Star Schema
- Introduction to BW Objects and Administrative Work Bench
- Introduction to Characteristics and Key Figures
- Texts Attributes Hierarchies for Master Data
- Data Flow in BW(Info sources/Data Source)
- Introduction to different Info Providers (Cubes/ODS etc)
- Loading Data to a Data Target through flat files
- Meta data repository.
- Week 2
- Extraction of data from R/3 system
- Concept of Delta Queue
- Introduction to different Delta Types in R/3
- Debugging Extraction and Concept of Data Source in R.3
- Extraction using Generic Extraction (Table/View/Info set/ FM)
- Extraction from FI(GL/AP)
- Extraction of COPA Data
- Logistics Data Extraction (SD/MM)
- Extraction Performance Tuning Techniques
- BW Customization
- At the end of the course you will get good expertise in below areas:
- Data modeling.
- Extraction techniques and creating data targets.
- BEx reporting
- Data scheduling with Process chains

- Performance tuning

- Week 3

- Introduction to Business Explorer

- Understanding Bex Browser, Bex Query Designer, Bex Web Application Server

- Advance Reporting/Web Reporting Techniques

- Introduction to Reporting Agent (Precalculation)

- Overview of Reporting Authorization Objects and their Usage in Security

- Performance Techniques for queries by using Aggregates. OLAP cache

- Debugging queries using RSRT Tcode

- Open HUB

- Cost Centers

- Creating and Changing Cost Centers:

- Cost Centers

- Cost Center Standard Hierarchy

- Creating Cost Centers

- Creating and Changing Activity Types:

- Activity Types

- Creating Activity Types

- Maintaining Statistical Key Figures:

- Fixed Values and Totals Values

- Creating Key Figures

- Week 4

- Introduction to Multi providers , Info set and Master Data Reporting

- Introduction to Process Chains for optimal data load scheduling

- Overview and Introduction of Metadata Repository

- Business Content usage and Object Version

- Introduction to the concept of delta for data loading process

- Transport Methodology

- Performance tuning(Aggregates , Compression etc)

- Real time scenarios