



SAP ABAP

Course description

Running a business in this competitive fullness of the technology world is not an easy task to achieve. But a company like SAP has made it easier by providing ABAP (Advanced Business Application Programming). By learning this course, students will be able to understand all the aspects of it. They can slowly and gradually be able to develop their own business programming software after completing this course. Some part of the course, such as building report interfaces and modularizing you programs includes function modules and forums.

Student Take away

- Study Material
- Learning stuff
- Sample project for practice

SAP ABAP Online Training Curriculum

ERP Introduction: ERP and Related Technologies

- SAP Introduction: Functional and Technical Overview & Opportunities in SAP
- Architecture of the R/3 System
- Advantage of Three Year
- Architecture
- Two-Tier Vs Three-Tier
- SOA

Introduction to ABAP/4

- Role of ABAP Consultant
- Logon Procedure
- Database Tables
- Data Types, Data Objects
- ABAP Development Workbench

ABAP Dictionary

- Domains
- Data Elements
- Database Tables, Structures, table types, Type group.
- Views: Database View, Projection View, Help View, Maintenance View
- Search Help: Elementary and Collective

ABAP Programming

- Standard ABAP data types
- Declarative Key Words

- System Fields
- Text Elements
- ABAP Editor Introduction
- Conditional & Looping Statements
- String Handling
- WRITE Statement Special Techniques
- Field Strings (Structures), Nested-Structures
- Type-Pools, Report to Report-Communication

Internal tables

- Classification of with and without header internal tables
- Types of internal tables
- Creation of Internal Tables
- Operations ((Append/Insert/Modify/Delete))
- Looping and reading internal tables
- Control Break Statements

ABAP Database Access

- Open SQL in depth
- Native SQL overview

ABAP Runtime Tools

- Debugging Breakpoint, Watch point, Runtime Analysis, SQL Trace

➤ **Messages (Static / Dynamic)**

Selection Screen Design

- Select - Options, Parameters
- Variants
- Modifying Selection Screens

Reports

- Classical Reports and events
- Classical Interactive Reports and events

Modularization Techniques

- Includes
- Subroutines
- Function Modules

ABAP List Viewer

- Basic list and Grid list
- ALV using FM
- ALV interactive using FM

Module pool programming

- Screen Painter: Layout designing, Flow Logic

- Menu Painter: Menu bar designing and Navigation
- Table Control
- Tab strip Control

Batch Data Communication

- Call Transaction Method
- Session Method

Enhancement Frame Work

SAP Forms (Scripts/ Smart forms)

- Copying the Standard Script
- Enhancement
- Layout Set Designing, Importing the Logo, Control commands, and Print Program
- Smart forms Design

BSP