



SAP ABAP from Basics to intermediate Level

1-introduction

- i. ERP Overview
- ii. ERP Concept
- iii. Why ERP
- iv. ERP brands
- v. SAP ERP system overview
- vi. SAP Modules

2-ABAP Environment

- i. ABAP Workbench
- ii. ABAP Editor overview
- iii. ABAP Editor Structure
- iv. Standard system tables
- v. Standard system programs

3-ABAP Coding Concepts

- i. ABAP Syntax
- ii. Variables Type
- iii. ABAP statements
- iv. create ABAP Programs
- v. running ABAP program
- vi. receiving data from the users

4-Structures and internal tables

- i. Define Structure
- ii. Global elements and Structures
- iii. dealing with internal tables
- iv. SQL Statements
- v. processing Data from Database via internal table
- vi. Events
- vii. system variables
- viii. Debugging overview



5-ABAP Selection Screen

- i. selection screen designs
- ii. checkbox and Radio-buttons
- iii. modify selection screen elements
- iv. Domains
- v. search help

6-ABAP Functions

- i. function types
- ii. function component
- iii. function implementation
- iv. testing the function
- v. BAPI functions
- vi. includes
- vii. Sub-Routine

7-ALV Reports

- i. ALV Report Abroach
- ii. create your first ALV Report
- iii. coloring Cells on ALV Reports
- iv. Examine ALV Report data
- v. releasing process

8-Adobe forms

- i. smart form abroach
- ii. create your first smart form
- iii. running the forms via executes programs
- iv. testing the form data

9-Module Pool (Screen Programs)

- i. Create Module pool program
- ii. Create Screens
- iii. Enhance Screens and actions
- iv. Create ALV display live report on Module Pool Screens



10-ABAP Backend Cloud Environment overview

- i. Key differences between On-Premise ABAP and ABAP Cloud
- ii. ABAP Environment in SAP BTP (Business Technology Platform)
- iii. Overview of RAP (Restful ABAP Programming Model)
- iv. Understanding CDS Views and Behavior Definitions in Cloud
- v. EML (Entity Manipulation Language) Basics

11-final project assignment and evaluation

- vi. real ALV Report task assignment
- vii. real adobe form task assignment
- viii. discussing and evaluating the Projects

🎯 Course Objective & Next Steps:

The goal of this course is to prepare you for the job market as a Junior SAP ABAP Developer, and to help you take your first solid step toward a successful career in this field – Insha’Allah.

Throughout the course, you will not only gain practical ABAP development skills, but you will also learn how to become a self-learner, how to adapt and grow in this vast ecosystem, and how to conduct effective research in a field where reliable resources are often difficult to find online.

At the end of the course, the instructor will also guide you on:

- How to continue your learning journey after the course,
- What to focus on next,
- And how to build a long-term self-study plan to advance in the SAP world.

This course is your launchpad – what comes next is in your hands.