



SAP ABAP on HANA Training



Course Main Topics

ABAP on HANA Fundamental concept
ABAP Development Tool (ADT)
Core Data Services (CDS)
ABAP Managed Database Procedure (AMDP)
ABAP Database Connectivity (ADBC)
HANA Studio, Web IDE
Other Additional Topics

Interview FAQs & Resume Preparation

Conduct MOCK Interviews & Preparation

Course Duration

40 Hours

Course Mode

Online

System Access

60 Days (from Course start)

Effective Technical Support

Study Material

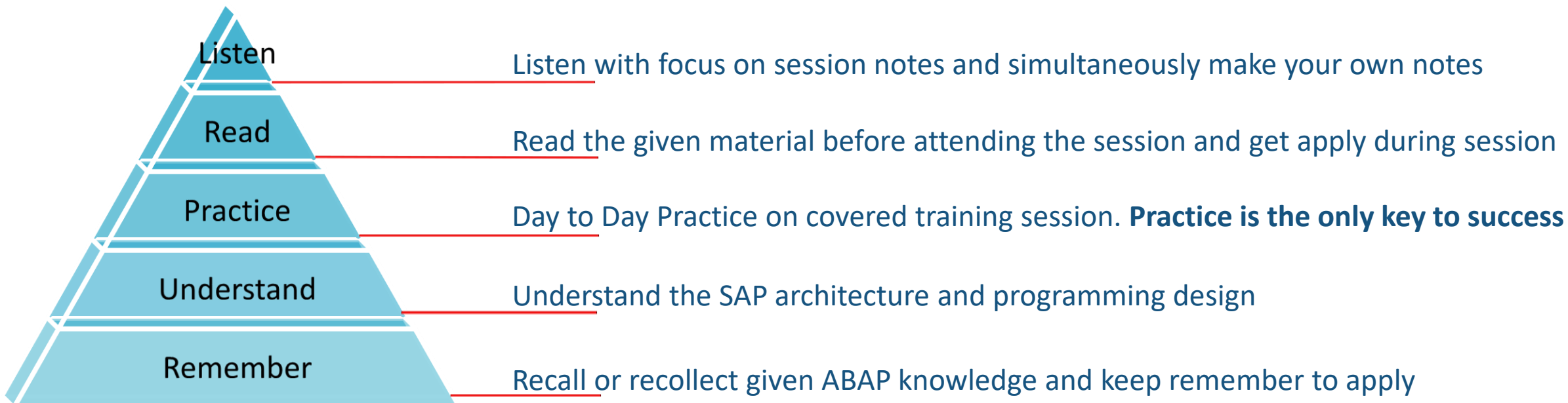
SNTech GS Easy Study Material
Many More Online Material links provided

SNTech Faculty

Take care at individual candidates to maintain constant knowledge & Clarifications



Learning Strategies: SNTech GS request every participant to strictly follow this strategy for their bright future ahead



Inspiring quote: "All of us do not have equal talent. Yet, All of us have an equal opportunity to develop our talents"

- by Ratan TATA



Course Content

Topic 1 Introduction

- SAP HANA Architecture and Technical Concepts
- Introducing the SAP HANA Studio
- ABAP and SAP HANA
- Introducing the ABAP Development Tools (ADT)

Topic 2 Data Provision: SAP Landscape Transformation

- Data Provisioning Overview
- SAP landscape transformation set-up
- Options for SLT landscape installation

Topic 3 Taking ABAP to SAP HANA

- SAP HANA as Secondary Database– Access via Open SQL
- Static Code Checks to Prepare ABAP Code for SAP HANA
- Tools to Analyze Potential Performance Issues
- Guided Performance Analysis
- Performance Rules and Guidelines for SAP HANA



Topic 4 Database Independent Code-to-Data

- Classical Open SQL and Its Limitations
- Enhanced Open SQL
- Core Data Services in ABAP
- Associations in Core Data Services
- Core Data Services with Input Parameters
- Incorporating Authorization Checks with CDS

Topic 5 SAP HANA specific Code-to-Data

- ABAP Database Connectivity (ADBC)
- Native SQL Syntax
- ABAP-Managed Database Procedures
- Debugging ABAP-Managed Database Procedures

Topic 6 Consuming SAP HANA Objects in ABAP

- Working with Views in SAP HANA Studio (Attribute View, Analytical View & Calculation View)
- Consuming SAP HANA Views using Native SQL
- Working with Database Procedures in SAP HANA Studio
- Calling SAP HANA Procedures in ABAP



Topic 7 SAP HANA Proxy Objects

- Accessing SAP HANA Views via ABAP Dictionary ExternalViews
- Calling SAP HANA Procedures via ABAP Database Procedure Proxies
- Transport of SAP HANA Objects

Topic 8 Advanced Topics

- Using SAP HANA Full Text Search
- ABAP List Viewer with Integrated Database Access (ALV IDA)
- Case Study: Optimize a Report on Flight Customer Revenue
- Optimizing a Report with CDS View and ALV IDA
- Additional ABAP Language Enhancements