

Course's Code	S7GA-SAP- 20
Course's Description	S7GA-SAP-20 - SAP ABAP on HANA
Duration	24 Hours
S.NO	Topics
1	Overview of SAP HANA
	SAP HANA Database
	SAP HANA Studio
	SAP HANA Client
2	In-Memory Technology
	Hardware Innovation
	Software Innovation
	Architecture of In-Memory Database
3	Introducing Development Environment
	Introduction of Eclipse
	SAP HANA studio
4	Database programming using SAP NW server
	Database interface
	Role of Database
	ABAP Data dictionary
	Open SQL
	Database access via native SQL
	Analyzing Database using SQL trace
5	Native Database development using SAP HANA
	Objects in SAP HANA Database Catalog
	SQL Standards
	Database Procedure
	Information Views
	Attributes View
	Analytical View
	Calculated View
6	Integration with ABAP
	Integrating analytical views
	Integrating native procedure with ABAP DDIC
	Transport of Native development object
7	Advance Database Programming

	Introduction of CDS
	Code Pushdown
	View Extensions
	Annotations
	ABAP CDS View
	SAP HANA CDS
	Open SQL Enhance
	AMDP development
8	Runtime and Error Analysis
	Troubleshooting
	ABAP Code analysis
	ABAP Code Analysis
	Dump Analysis
	Debugging and Tracing SQL
	ABAPA Code Analysis
	Check and Check variants
	Global checks run in the system
	Runtime Statistics and Traces
	ABAP Test and ABAP Profilers
	SQL Trace
	SQL Performance optimization
9	Text Search and analysis of unstructured data



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