

## SAP HANA Consultant – Course Content – 30 hours

### **HANA 100 & HANA 300 Course Content:**

#### **SAP HANA 100 Certification Syllabus**

##### **Introduction**

Introduction to SAP HANA  
SAP HANA In-Memory Strategy  
HANA Compared to BWA

##### **Look and feel**

In memory Computing Studio  
Administration views  
Navigator View  
System View  
Information Modeler  
-Architecture

Architecture Overview  
IMCE and surroundings  
Row Store  
Column Store  
Loading data into HANA  
Data Modeling  
Reporting  
Persistent Layer  
Back & Recovery

##### **Data Provisioning**

Replication Server  
Replication process  
Replication Architecture  
Data services  
SAP BODS and HANA.  
Basic Data service connection types  
New to Data Services 4.0  
Full Extractor through ODP.  
Configure Import server  
Create and execute a Data service job to populate HANA.

##### **Modeling**

Purpose of information Modeler.  
Levels of modeling in SAP HANA.  
Attribute Views  
Calculation Views  
Export & Import

### **Reporting**

HANA Reporting Layer.  
Connectivity options.  
Business Objects BI 4.0  
Business Objects BI 4.0 Explorer  
Business Objects BI 4.0 Enterprise  
Crystal reports via ODBC/JDBC Connections  
Others & MS Excel

### **User Management**

Creation of Users  
Creation of Roles  
Creation of Role Hierarchy  
Assignment of users to roles  
Authentications  
IMCE Authorizations

### **SAP HANA 300 Certification Syllabus**

#### **DATA PROVISIONING USING SLT**

Positioning and key concepts  
Overview on configuration Aspects  
Data Replication at a glance.  
SLT based transformation concepts.  
Selective Data Replication.  
Transformation of Data.  
Extension of (target) table structure.  
Specific Considerations.

#### **Approaching SAP HANA Modeling**

Persistency Considerations  
SAP HANA Engine Overview  
Choosing views for the information Model.

#### **Connecting Tables**

How to connect tables Using:

Inner Join  
Left Outer Join  
Right Outer Join  
Full Outer Join  
Text Outer Join  
Referential Join  
Union

#### **Advanced Modeling**

Creating Attribute Views.  
Using Hierarchies.  
Creating Restricted & calculated Measures.  
Using Filter Operations

Using Variables

SAP HANA SQL – Introduction.

SQL Script and Procedures

Using Currency Conversion.

**Processing Information Models**

Validating Models

Comparing Versions of Information Objects

Checking Model References

Generating : Auto Documentation.

**Managing Modeling Concepts**

Schemas

Import & Export

Copying Objects

**Security and Authorizations**

User Management & Security

Types of Privileges

Template Roles

Administrative

Contact us for the SAP HANA Self Learning Video's at  
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