SAP UI5 COURSE CURRICULUM

Basics Fundamental

- HTML5
- JAVASCRIPT
- JQUERY
- CSS

Backend Development

- OData in SAP Solutions
- Introduction to OData Service Creation
- Service Creation Process Overview
- SAP NetWeaver Gateway Toolset
- SAP NetWeaver Gateway Service Builder
- Beyond the Service Builder: Supporting Tools during the Service Creation Process
- Steps in the Service Creation Process
- Data Model Definition in the Service Builder
- Service Registration in the SAP Business Suite System
- Service Implementation
- Service Maintenance
- The OData Channel Development Paradigm
- Model Provider Class
- Data Provider Class and Data Provider Extension Class
- Service Development

- Data Model Definition
- Creating a Project
- Creating the Data Model
- Service Registration in the SAP Business Suite System
- Service Stub Generation
- Service Maintenance
- Incremental Service Implementation and Model Enhancement
- Feed (GET_ENTITYSET)
- Single Read (GET_ENTITY)
- Query Options
- Navigation Properties
- CRUD Methods
- Service Generation
- Generation via RFC/BOR Interface
- Data Model Definition
- Service Registration: Stub Creation
- Service Maintenance, Service Implementation
- Model Composition: Include Gateway Service
- Implementing Complex Entities.

Front end Development

- Eclipse Installation
- SAP Resources
- SAPUI5 Controls
- SAPUI5 – Data Binding Model
- JSON Model, XML Model, Resource Model, OData Model

- SAPUI5 – Binding Options
- SAPUI5 – Multilingual Applications
- SAPUI5 Data Typing
- SAPUI5 – Integers, Floating-Point Numbers
- SAPUI5 – String, Boolean Variable Data and time, Formatter Classes
- SAPUI5 – User types
- SAPUI5 – Layout Adaption via own CSS
- SAPUI5 – Theme Designer
- SAPUI5 – Communication with the SAP Backend
- SAPUI5 Control
- SAPUI5 – API Reference
- SAPUI5 – Common Controls
- SAPUI5 – UX3 Controls
- SAPUI5 – Table Control
- Overview of Charts
- Controls for Mobile Applications
- Suite Controls
- SAPUI5 – User Defined Controls
- SAPUI5 – Development Scenario
- SAPUI5 – UI Design
- SAPUI5 – Implementation