SAP
FIORI SYLLABUS

SAPUI5 Foundations

- Explain MVC and application architecture
- The concept of modules
- Implement controls using the SAPUI5 framework (standard and custom)
- Bind Data to a UI5 Control
- Describe and work with Key Responsive Design Controls
- Translatable Texts
- App Descriptor
- Aggregation binding
- Dialogs and Fragments
- Expression Binding
- Custom Formatting
- Filtering
- Grouping and sorting
- Work with diagrams

Deployment & Testing

- Deploy an application on an ABAP Server
- An application on the SAP Hana Cloud Platform
- Write Unit-Tests
- Unit test with Q Unit

- Create a Q Unit Test Scenario
- Apply integration a test with OPA5
- Create an OPA5 Test Scenario

SAP Fiori Launchpad Configuration

- Explain configuration of SAP Fiori Launchpad

SAP Fiori Strategy, Standards and Guidelines

- Define SAP Fiori Key principles
- SAP Fiori application types
- Elements of User Experience Design
- The concept of Design Thinking
- The Problem Space
- Solution Space phases in the Design Thinking process
- Implement SAP Fiori UIs using the SAP Fiori Design Guidelines

SAP HANA Cloud Platform and Web IDE Basics

- Describe the SAP HANA Cloud Platform
- The Prototyping
- Development
- Packaging
- Deployment
- Extensibility tools available in SAP Web IDE.

Odata and Advanced Data Handling

- Register OData Service at Frontend Server
- Describe an OData Model
- How to access backend data by the way of OData-specific data binding feature
- Implement data binding using XML data
- Describe the OData Write-Support
- OData Deep Inserts
- Perform tasks associated with adding, updating and deleting
- backend data from within a SAPUI5 application
- Implement a Facet Filter control
- In App Navigation
- Deep Linking

Extensibility in SAPUI5

- Describe the concept of Extensibility in SAPUI5
- Extension Points in SAPUI5
- Implement View Replacement
- View Modification
- View Extension
- Controller Extension & Hook Methods
- Extend Translations with Customer Properties

SAP Fiori Elements & Smart controls

- Describe the use of SAP Fiori Elements
- Smart controls.

SAP Fiori Architecture Overview

- Describe the architecture typical SAP Fiori landscape
  Describe the components of a typical SAP Fiori landscape.