



SAP Manufacturing Integration & Intelligence (SAP MII) – Fundamentals

Code: SCM380-v011
Length: 5 days
URL: [View Online](#)

Skills Gained

- This course will prepare you to:
 - This Course will prepare you to:
 - Gain a conceptual understanding of the features, functions, and options of SAP MII 15.3, so that you can successfully design and implement MII applications in a company.
- Use SAP MII 15.3 to connect the manufacturing shop floor system and the SAP ERP system.
- Understand building Query Templates, Business Logic transactions
- Gain knowledge on Data services

Who Can Benefit

- Consultants
- Project Team Members
- Developers

Prerequisites

- Essential:
 - Basic knowledge of the manufacturing industry and shop floor data sources.
 - Intermediate knowledge of web technologies such as HTML, JavaScript, XML, XSLT, CSS, XPath, Web Services, OData, JSON and OOP.
 - Intermediate knowledge of database query development.
 - Basic knowledge of SAP NetWeaver.
 - Basic knowledge of the SAP ERP system

- Recommended:

- None

Course Details

Course Content

- Introduction to SAP Manufacturing Integration and Intelligence (SAP MII)
 - SAP MII Overview
 - SAP MII Architecture
 - SAP MII Positioning
 - Industry 4.0
- Data and Visualization Services: Introduction
 - SAP MII Workbench Overview
 - SAP MII Data Servers and Connectors
 - Introduction to Query Templates
 - Introduction to Display Templates
 - SAP Lumira and SAP Hana
- Data and Visualization Services: Additional Features
 - The SAP MII Time Engine
 - Scaling, Data Mapping, SQL Queries, and XML Queries
 - Introduction to the Grid and Color Contexting
 - The iSPCChart
- Navigation and Personalization
 - Personalization: Customizing the Navigation
 - Customizing the Home Page Style (Optional)
- Web Scripting
 - SAP UI5 Objects and JavaScript
 - SAP MII Report Pages
 - Localization (Optional)
 - Model View Controller (MVC) Design Pattern
- Business Logic Services: Introduction
 - Business Logic Services Terminology and Environment
 - Action Configuration and Linking
 - Properties, Data Types, and the Xacute Query
- Business Logic Services: Additional Features and Integration with SAP
 - XML Functions
 - Document Building
 - SAP Integration
 - SAP MII Listener
 - Error Handling, Transaction Calls, and Reference Documents (Optional)
- SAP MII Manufacturing Data Objects, Catalog Services, Alerts, and KPIs

- Manufacturing Data Objects
- Catalog Services
- KPI Framework
- Alert Framework
- Plant Information Catalog
 - Plant Information Catalog Services
- Self-Service Composition Environment
 - Self-Service Composition Environment

Notes

- This course will prepare you take the advanced SAP MII course (SCM 381)
- Live access is available for this course

Course based on software release

- SAP MII 15.3
- ERP ECC6.0 EhP8 SP09
- WTSS4HANA

Schedule (as of 5)

Date	Location