

# SAP AI Masterclass: SAP Generative AI, Joule, AI Core & BTP Training

*COURSE CONTENT*

## GET IN TOUCH



Multisoft Systems  
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

## About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## About Course

SAP AI Masterclass: SAP Generative AI, Joule, AI Core & BTP training by Multisoft Systems is designed to equip professionals with cutting-edge skills in enterprise AI and intelligent automation. This comprehensive program introduces learners to SAP's AI ecosystem, including Generative AI capabilities, Joule for intelligent copilots, SAP AI Core for scalable AI deployment, and SAP Business Technology Platform (BTP) for building and integrating AI-driven applications.

## Module 1: Introduction to AI & SAP Business AI

- ✓ Fundamentals of Artificial Intelligence & Machine Learning
- ✓ Evolution of AI in Enterprise Systems
- ✓ Introduction to Generative AI vs Traditional AI
- ✓ Overview of SAP Business AI
- ✓ Role of AI in ERP, Supply Chain, Finance
- ✓ AI Agents and Intelligent Automation concepts

## Module 2: SAP Business Technology Platform (BTP)

- ✓ Overview of SAP BTP Architecture
- ✓ Key Pillars:
  - Application Development
  - Data & Analytics
  - Integration Suite
  - AI Capabilities
- ✓ SAP BTP as AI Platform
- ✓ Multi-cloud & Hybrid Deployment
- ✓ Introduction to SAP AI services on BTP

SAP BTP provides a unified platform for AI, data, analytics, and application development in enterprises.

## Module 3: SAP Generative AI & LLM Concepts

- ✓ Introduction to Generative AI
- ✓ Large Language Models (LLMs)
- ✓ Prompt Engineering Basics
- ✓ Enterprise AI vs Public AI Models

- ✓ SAP Generative AI Capabilities
- ✓ Use Cases:
  - Text generation
  - Code generation
  - Business insights automation

SAP's generative AI hub enables centralized model access and enterprise-grade AI deployment.

## Module 4: SAP Joule (AI Copilot)

- ✓ What is SAP Joule?
- ✓ Joule Architecture & Working
- ✓ AI Copilot in SAP Ecosystem
- ✓ AI Agents & Automation
- ✓ Joule Studio Overview
- ✓ Use Cases:
  - Business process automation
  - Smart recommendations
  - Conversational analytics

SAP Joule acts as an AI copilot embedded across applications, helping automate workflows and improve decision-making.

## Module 5: SAP AI Core & AI Foundation

- ✓ Introduction to SAP AI Core
- ✓ AI Core Architecture
- ✓ Model Lifecycle Management

- ✓ Deployment & Monitoring of AI Models
- ✓ Integration with ML frameworks (TensorFlow, PyTorch)
- ✓ SAP AI Launchpad Overview
- ✓ AI Foundation (AI OS concept)

SAP AI Core is the execution layer that runs and manages AI workflows at enterprise scale.

## Module 6: Generative AI Hub & Model Integration

- ✓ Overview of Generative AI Hub
- ✓ Model Orchestration & API Access
- ✓ Integration of Open-source LLMs
- ✓ Prompt Management & Governance
- ✓ AI Ethics & Compliance

The generative AI hub centralizes access to multiple models with governance and lifecycle management.

## Module 7: Hands-on Use Cases & Implementation

- ✓ Building AI-powered SAP applications
- ✓ Use case implementation:
  - Invoice automation
  - Chatbot with SAP data
  - AI-driven analytics
- ✓ Integrating Joule with business processes
- ✓ Real-world enterprise scenarios

## Module 8: Capstone Project & Assessment

- ✓ Mini Project:
  - Build a simple AI-enabled SAP application
- ✓ Evaluation & Feedback
- ✓ Career guidance in SAP AI