

SAP AI Bundle

MDG / Master Data Governance

BUNDLE PREVIEW

7 Modules | 4 Use Case Deep Dives | Core: Rs. 4,999 | Complete: Rs. 7,999

What's in the MDG + BTP AI Bundle

This bundle covers how SAP BTP AI elevates Master Data Governance — from AI-powered duplicate detection and change request auto-classification to master data quality scoring and closed-loop governance workflows. The module lineup is tailored for MDG's governance-heavy architecture, with Integration Suite replacing the standard AI Roadmap module to reflect MDG's hub-and-spoke data distribution model.

7-Module Curriculum

#	Module Title	What You Will Learn
1	BTP Foundation for MDG	MDG architecture on S/4HANA, BTP connectivity, change request lifecycle, MDG APIs, and AI readiness checklist
2	AI Core for MDG	Duplicate detection model (NLP embeddings), master data quality scorer, change request classifier — training and deployment on AI Core
3	GenAI Hub for MDG	LLM-assisted data enrichment, policy compliance validation via RAG, change request justification drafting, data steward assistant
4	Build Process Automation	CR approval routing by domain and quality score, duplicate resolution workflow, rejection and rework handling, SLA escalation
5	Datasphere for Master Data Intelligence	Quality KPI framework, golden record analytics, CR cycle time analysis, lineage tracking, AI training data pipelines
6	Integration Suite for MDG	Hub-and-spoke distribution architecture, real-time vs. batch patterns, API governance for master data, distribution health monitoring
7	Joule in MDG	NL query library for data stewards, governance managers, and compliance officers — plus building custom MDG Joule skills

MDG Module Note

Module 6 intentionally replaces the standard AI Roadmap module with Integration Suite for MDG. This reflects the hub-and-spoke data distribution architecture central to MDG deployments, where real-time synchronisation of governed master data to consuming systems (SD, MM, FI, CRM) is a core implementation concern — not an afterthought. All other bundles retain the standard 7-module structure.

4 Use Case Deep Dives (Complete Bundle)

Use Case	Description
AI-Powered Duplicate Detection	Similarity model using sentence transformer embeddings, fuzzy name matching, address normalisation, and barcode exact match. Scores each new CR against existing master data. Duplicate probability > 75% pauses both CRs for steward review. Covers Material (MARA), Vendor (LFA1), and Customer (KNA1) domains.
Change Request Auto-Classification & Routing	Multi-class classifier trained on USMD_CREQUEST history. Features: entity type, attribute count, requester role, changed field list. Output: governance domain, urgency tier (Standard / Expedited / Critical), and routing path code. Build PA instantiates the correct approval workflow instantly.
Master Data Quality Scoring & Remediation	AI Core scores each record across 4 dimensions: Completeness (30%), Format Compliance (25%), Cross-Field Consistency (25%), Peer Benchmarking (20%). Field-level breakdown shows exactly which attributes are failing. Records below threshold (default: 70) generate a remediation task with a GenAI-drafted fix guide.
Signavio + BTP AI Closed Loop for Governance	Signavio detects governance process deviations: low-quality CRs approved without quality gate, workflow bypass, overdue remediation tasks. BTP AI classifies severity. Build PA acts: reverse approval, escalate to governance manager, raise audit flag. Resolution feeds back to Signavio model.

Key S/4HANA and MDG Tables

Table	Description
USMD_CREQUEST	MDG change request header — type, status, processor, entity, timestamps
USMD_CS_ITEM	CR item — entity type, attribute name, old value, new value — primary quality scoring source
MARA	Material master general data — description, type, UOM — duplicate detection and quality scoring
LFA1	Vendor master general — name, country, address — duplicate detection and enrichment
KNA1	Customer master — name, address, credit data — duplicate and quality scoring
MDGM_MATL_DATA	MDG material staging entity — change request content for governance

Pricing

CORE BUNDLE — Rs. 4,999	COMPLETE BUNDLE — Rs. 7,999
7 Self-Study Modules with Slide Decks	7 Modules + 4 Use Case Deep Dives + All Slides

Architecture-first. Use-case driven. Built for working SAP consultants.

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