

♦ JAVITATECH TRAINING ACADEMY · LIVE ONLINE · HYDERABAD, INDIA

COURSE 2 OF 2 · MODERN SAP DEVELOPER TRACK · UPGRADE

SAP ABAP Cloud / RAP with Fiori

RESTful Application Programming Model · Clean Core extensions · OData V4 · Fiori Elements · SAP BTP · AI-assisted development

Move from classic ABAP to the way SAP builds new applications: the ABAP RESTful Application Programming Model on ABAP Cloud. In 2 months of live online classes — 40 sessions, 1 hour a day — you model data with CDS, implement behavior, publish OData V4 services and build a draft-enabled Fiori Elements application on your own SAP BTP ABAP Environment trial, then learn the clean-core way to extend S/4HANA (released APIs, the 3-tier model, wrappers, API consumption, events and BTP services), with access-dependent topics taught as honest walkthroughs and overviews. Taught live by trainers with real SAP project experience.

40 LIVE SESSIONS 2 MONTHS · MON-FRI · 1 HOUR A DAY	LIVE ONLINE LIVE ON ZOOM · RECORDINGS 1 YEAR FROM FULL PAYMENT
YOUR BTP TRIAL YOUR OWN SAP BTP ABAP ENVIRONMENT TRIAL ON-PREMISE SETUP CONFIRMED BEFORE ENROLMENT	CERTIFICATE JAVITATECH CERTIFICATE OF COMPLETION AFTER THE FINAL ASSESSMENT

♦ HOW THE COURSE RUNS

Format	Live online on Zoom, no classroom. This live course has no recorded-only option.
Duration & practice	2 months · 40 live sessions · 1 hour every day, Monday to Friday — 8 teaching weeks, excluding holidays. 40 hours refers to live teaching. Assignments and project practice take place outside class; approximately 45–60 minutes of independent practice per teaching day is recommended.
Free demo	Sessions 1–3 are free: orientation, guided setup and a guided first RAP application
Systems	Your individual SAP BTP ABAP Environment trial (registration guided in Session 2) supports the core RAP route. For the on-premise exercises, practice-system requirements and access arrangements will be confirmed before paid enrolment. Enterprise BTP services, paid AI subscriptions, external integrations and DEV/QAS/PRD systems are not included — those topics are walkthroughs or overviews (legend on page 2). Trial validity is limited (normally up to 90 days; shared, non-productive system) — check it before enrolment and back up your code with abapGit; use follows SAP's terms.
Batch dates	Announced on the JavitaTech WhatsApp channel and javitatech.com

Sessions 1–3 are free — attend first, then enrol. Call / WhatsApp +91 87122 87999 ·

info@javitatech.com · www.javitatech.com

The course fee is shared personally on WhatsApp (GST-inclusive); the SAP BTP trial is registered by you with SAP. On-premise practice-system arrangements are confirmed before paid enrolment. Timings are shared with the batch dates.

♦ HOW EACH TOPIC IS DELIVERED — THE THREE LABELS USED THROUGHOUT THIS DOCUMENT

HANDS-ON	Hands-on — students implement and execute the exercise on their BTP ABAP Environment trial (or on a practice system for exercises confirmed for the batch).
WALKTHROUGH	Code/configuration walkthrough — prepared code or a configuration flow is explained step by step; live execution is not promised.
OVERVIEW	Conceptual overview — diagrams, slides, architecture and scenarios; product access is not included.

♦ ABOUT THIS PROGRAM

The modern SAP developer's toolkit — built on your own ABAP Cloud environment

RAP is how SAP builds applications on S/4HANA and SAP BTP, and clean core is what most S/4HANA customers now ask for. Together they change what an ABAP developer is expected to know: CDS view entities, behavior definitions and EML, draft, OData V4, Fiori Elements, released APIs, the 3-tier extensibility model, wrappers, events and BTP services. This course covers them in the order you use them on a project — hands-on on your individual SAP BTP ABAP Environment trial, and as code/configuration walkthroughs or conceptual overviews where a topic needs enterprise BTP services, S/4HANA business applications, AI subscriptions or system landscapes that a trial does not include.

You develop one Travel-Booking application progressively. Milestone 1 is a Travel transactional business object with validations, determinations, actions and unit tests; Milestone 2 is a draft-enabled Fiori Elements application with authorizations and side effects. The separate capstone in Week 7 is built within one selected environment — custom data model, RAP behaviour and actions, draft, validations, UI annotations, Fiori Elements, tests and review. Real S/4HANA posting, external connectivity, Work Zone deployment, Event Mesh and cross-system transport are documented extension designs and walkthroughs, not mandatory live integrations.

Weeks 5 and 6 cover the topics that keep you current in 2026 — clean core and wrappers, in-app extensibility, calling APIs from RAP, the ABAP AI SDK, SAP BTP connectivity, testing, tracing and lifecycle management, and AI-assisted development with Joule for developers and MCP-based coding assistants — each labelled with its delivery mode. Week 8 is your career week: interview preparation, resume and LinkedIn review, SAP certification guidance and the assessment briefing — you complete the final scenario assessment independently outside live hours and submit it before Session 40, which brings selected assessment feedback, a cohort mock interview and next-step guidance.

Built for 2026 — what RAP job descriptions ask for

ABAP Cloud & released APIs HANDS-ON	CDS view entities, projections & value helps HANDS-ON
Managed behavior, EML & draft HANDS-ON	Managed UUID & late numbering, side effects HANDS-ON
OData V4 (UI & Web API) HANDS-ON	Fiori Elements with SAP Fiori tools HANDS-ON
RAP business events (local handler) HANDS-ON	Custom entities & query providers HANDS-ON
HTTP/JSON integration pattern (sample response) HANDS-ON	

[Read-only public API call \(where connectivity permits\)](#) | [WALKTHROUGH](#)
[3-tier extensibility model & tier-2 wrappers](#) | [WALKTHROUGH](#)
[Consuming S/4HANA OData APIs](#) | [WALKTHROUGH](#)
[Launchpad, Work Zone deployment & Adapt UI](#) | [WALKTHROUGH](#)
[gCTS, abapGit & Cloud Transport Management](#) | [WALKTHROUGH](#)
[MCP-based AI coding assistants](#) | [WALKTHROUGH](#)
[Application Jobs in ABAP Cloud](#) | [WALKTHROUGH](#)
[Key user extensibility & Business Configuration objects](#) | [OVERVIEW](#)
[Event Mesh & BTP services](#) | [OVERVIEW](#)
[ABAP AI SDK & generative AI hub](#) | [OVERVIEW](#)
[Joule for developers](#) | [OVERVIEW](#)

The core RAP route — CDS, behavior, EML, draft, OData V4, the Fiori Elements preview and a generated Fiori Elements app, tests — is practised on your individual SAP BTP ABAP Environment trial. On-premise topics such as BAPI wrappers, PFCG roles, the on-premise launchpad and Custom Fields on standard apps are taught as walkthroughs and overviews. Where an on-premise practice system is confirmed before paid enrolment, it supports only the exercises specifically confirmed for that batch; other topics remain walkthroughs, depending on installed applications, configuration and student permissions. Feature availability differs between the BTP ABAP Environment and S/4HANA releases, so release-dependent features are shown as walkthroughs where your environment does not support them.

♦ WHAT'S INCLUDED

Everything you get when you enrol

- ♦ **40 live sessions** — Monday to Friday, 1 hour a day, taught by experienced trainers — real-time SAP experts from the JavitaTech expert team. 40 hours refers to live teaching.
- ♦ **3 free demo sessions** — Sessions 1–3 are open to everyone — course orientation, guided environment setup and a guided first RAP application. From Session 4 only enrolled students continue.
- ♦ **Revision recordings** — Every session is recorded. Paid students keep the recordings for 1 year from full fee payment.
- ♦ **Practice environments** — Your own individual SAP BTP ABAP Environment trial (registration guided in Session 2; limited duration, normally up to 90 days; a shared, non-productive system — back up your code with abapGit; use follows SAP's applicable terms) supports the core RAP route. For the on-premise exercises, practice-system requirements and access arrangements will be confirmed before paid enrolment; other topics remain walkthroughs, depending on installed applications, configuration and student permissions. If your employer permits it and gives you an S/4HANA system with equivalent developer capabilities, you can use that instead.
- ♦ **Questions answered live** — Ask your questions in the session — every class ends with question time. Academic questions are answered during the live sessions only; for admin help (access, recordings, payments), message JavitaTech on WhatsApp.



- ◆ **Scheduled assignments, 2 milestones & a capstone** — Scheduled assignments and project milestones — Milestone 1: Travel transactional business object; Milestone 2: draft-enabled Fiori Elements application — and a separate capstone, reviewed by your mentors. This practice takes place outside class; plan about 45–60 minutes a day.
- ◆ **Session notes & code** — Slides, notes, prepared code and sample payloads shared after every class.
- ◆ **Career week** — Two interview-preparation sessions, resume and LinkedIn review, SAP certification guidance, an independently completed final assessment (submitted before Session 40) with selected feedback, and a cohort mock interview.
- ◆ **Certificate of Completion** — A JavitaTech certificate after successful completion of the final scenario assessment (done independently outside live hours) — digital, with a unique ID, ready for LinkedIn.
- ◆ **Built on Course 1** — Course 1 (SAP ABAP on S/4HANA) provides the ABAP language, OO, CDS, AMDP, Gateway/OData and testing foundations. Course 2 owns the first transactional RAP application, behaviour implementations, draft, EML and transactional Fiori Elements development — targeted revision of the foundations, followed by advanced application. Beginners complete Course 1 first.



♦ HOW YOUR TRAINING WORKS

From free demo to certificate — four steps

1	Attend the 3 free demo sessions. No payment needed. Follow the pre-batch installation instructions, set up your BTP trial with guidance in Session 2 and build a guided first RAP application in Session 3. Account provisioning can take longer than one live hour for some accounts — follow-up help continues in Session 3.
2	Enrol. The full fee is paid after the free demo, before your first paid session; this course has no 50% instalment option. The course fee is shared on WhatsApp (GST-inclusive); the SAP BTP trial is provided by SAP under its own terms.
3	Learn and build every weekday. One live hour a day — hands-on on your BTP trial for the core RAP route, walkthroughs and overviews for access-dependent topics — with scheduled assignments, two milestones and a capstone reviewed by mentors.
4	Prepare for interviews and get certified. Interview preparation, resume review, SAP certification guidance, the final assessment completed independently and submitted before Session 40, a cohort mock interview and your JavitaTech certificate.

♦ WHO SHOULD JOIN

Built for ABAP developers who want to build the modern way

- ♦ ABAP developers moving to RAP, ABAP Cloud and clean core
- ♦ SAP BTP and CAP developers who want on-stack ABAP Cloud extensions
- ♦ S/4HANA technical consultants who need OData V4, Fiori Elements and BTP development foundations
- ♦ Team leads and architects who design S/4HANA extensions and need the 3-tier model in practice
- ♦ Fiori / SAPUI5 developers who want to own the back end (freestyle SAPUI5 itself is not taught here)
- ♦ Graduates of JavitaTech Course 1 — SAP ABAP on S/4HANA

Prerequisite: working ABAP, ABAP Dictionary, ABAP SQL and basic ABAP Objects knowledge. Sessions 4–6 refresh modern syntax, ABAP Cloud rules and CDS; they do not replace an OO course or provide a full OData refresher — OData concepts are revisited in the service-development sessions. Learners weak in OO should complete the relevant Course 1 material first. New to ABAP? Beginners complete Course 1 — SAP ABAP on S/4HANA — before Course 2.



♦ SKILLS YOU'LL GAIN

Skills this course trains — grouped by delivery mode

Every badge below maps to a session in the day-wise plan and carries that session's delivery mode. Readiness for RAP project work is the training objective of this course, not a guaranteed outcome.

HANDS-ON

You implement and execute these on your BTP ABAP Environment trial

- RAP architecture in practice (managed, draft)
- ABAP Cloud & released APIs
- Modern ABAP syntax & XCO
- CDS view entities & projections
- Value helps & text associations
- Behavior definitions & behavior pools
- Determinations, validations, actions & functions
- Feature control & precheck
- EML & transaction phases
- Managed UUID & late numbering
- Draft handling
- OData V4 UI & Web API bindings
- RAP authorization logic & IAM app / business-catalog objects (where supported)
- Side effects
- RAP business events (local handler)
- Fiori Elements UI annotations & metadata extensions
- Fiori Elements generation with SAP Fiori tools
- Custom entities & query providers
- Unmanaged RAP CRUD example over a custom table (supplied starter code)
- Service consumption model & OData client proxy (supplied metadata)
- HTTP/JSON integration pattern & sample-response processing
- ABAP Unit & RAP test doubles
- ATC & Clean ABAP
- Debugging, tracing & logging (BALI)
- abapGit backup & package / software-component organisation
- AI-generated code review & verification
- Interview & resume preparation

WALKTHROUGH

Prepared code or configuration explained step by step; live execution not promised

- Developer-implemented early numbering (number ranges)
- Additional-save variant
- Tier-2 BAPI wrappers & C1 release contracts
- Read-only public API call (where connectivity permits)
- Remote ATC & Custom Code Migration
- S/4HANA API consumption with communication arrangements
- Destinations & Cloud Connector
- Launchpad, HTML5 repository & Work Zone deployment
- Adapt UI & developer adaptation projects
- Business-role administration, user assignments & separate user roles
- On-premise PFCG roles
- Application Jobs
- gCTS, Cloud Transport Management, Import Collection (Public Edition) & Landscape Portal
- ABAP AI SDK call pattern
- MCP architecture & AI coding agents
- Capstone extensions (posting, connectivity, Event Mesh, transport)

OVERVIEW

Concepts, architecture and scenarios; product access not included

- Event Mesh / Advanced Event Mesh
- Integration Suite, Document Management & Cloud ALM
- Key user extensibility (Custom Fields, Custom Logic, Custom CDS Views, Custom Business Objects)
- Business Configuration maintenance objects
- BTP cockpit, IAM & communication management
- Joule for developers & Joule Studio
- SAP AI Core & generative AI hub
- Flexible programming model & freestyle SAPUI5 boundaries
- SAP certification (C_ABAPD) guidance

Where each skill applies — on-premise, private cloud, public cloud

Transferable across S/4HANA editions and the BTP ABAP Environment

Practised on your BTP ABAP Environment trial. Concepts transfer to S/4HANA Cloud Public Edition, private cloud and ABAP Cloud-enabled on-premise releases, but feature availability, released APIs, tools and permissions differ by edition and release. Comprehensive S/4HANA Public Cloud implementation and BTP administration are outside this course.

RAP (managed, unmanaged, draft)

CDS view entities & projections

ABAP Cloud & released APIs

OData V4 UI & Web API

Fiori Elements & SAP Fiori tools

RAP business events (local)

Custom entities & query providers

ABAP Unit & test doubles

ATC & Clean ABAP

S/4HANA on-premise & private cloud (RISE)

Taught as walkthroughs and overviews with prepared code and configuration. Where an on-premise practice system is confirmed before paid enrolment, it supports the exercises specifically confirmed for that batch; other topics remain walkthroughs, depending on installed applications, configuration and student permissions.

Tier-2 wrappers around BAPIs | [WALKTHROUGH](#)

Custom Code Migration & ATC remote checks | [WALKTHROUGH](#)

Transports in ADT, gCTS & abapGit | [WALKTHROUGH](#)

PFCG roles & on-premise launchpad | [WALKTHROUGH](#)

Custom Fields on standard apps | [OVERVIEW](#)

Adapt UI | [WALKTHROUGH](#)

Outside this course's development focus

Classic dynpro and SEGW OData V2 development belong to Course 1's on-premise scope and are not developed here. BOPF, DDIC-based CDS views (DEFINE VIEW) and the @OData.publish annotation still exist in many customer landscapes — you get comparisons so you can read and migrate existing code, not implementation modules.

- Classic dynpro UIs — Course 1 on-premise scope.
- SEGW OData V2 for new apps — Course 1 on-premise scope.
- BOPF — comparison for reading existing code.
- DDIC-based CDS views (DEFINE VIEW) — comparison and migration hints.
- @OData.publish annotation — comparison for reading existing code.

Not implementation modules in either course

Legacy technologies you may still meet in some customer systems.

Web Dynpro ABAP/FPM, SAPscript, LSMW, logical databases, SAP Query and classical WRITE-list application development are not implementation modules in this course. They are not deferred content promised by Course 1.

Brief legacy context and interview comparisons may be discussed; dedicated implementation training is not included.

♦ PROJECTS

One application, two milestones and a capstone

MILESTONE 1 · WEEK 2

Travel transactional business object HANDS-ON

CDS model, managed behavior definition, validations, determinations, actions, EML, unit tests and an OData V4 service — on your BTP ABAP Environment trial.

MILESTONE 2 · WEEKS 3-4

Draft-enabled Fiori Elements application HANDS-ON WALKTHROUGH

Draft, numbering, RAP authorization logic (IAM app and business-catalog objects where supported), side effects and a local business event; UI annotations; the app generated and previewed with SAP Fiori tools. Business-role administration, launchpad / Work Zone deployment and Adapt UI as configuration walkthroughs.

CAPSTONE · WEEK 7

Capstone RAP application HANDS-ON WALKTHROUGH

Built by you, within one selected environment (your BTP trial by default): a custom-table Travel Management application or a custom-table Purchase Requisition approval simulation — custom data model, RAP behaviour and actions, draft, validations, UI annotations, Fiori Elements, tests and review. The Purchase Requisition option demonstrates custom RAP data, status changes and approval actions; it does not implement standard S/4HANA Purchase Requisition posting or SAP Flexible Workflow.

Extension designs / walkthroughs (documented, not mandatory live integrations): real S/4HANA posting through a wrapper, external connectivity, Work Zone deployment, Event Mesh and cross-system transport. The milestones grow one progressive Travel-Booking application and the capstone is a separate build — not three independent production applications.

♦ COURSE CURRICULUM — AT A GLANCE

8 modules · 2 months · 40 live sessions of 1 hour each

One module a week, one live hour a day, Monday to Friday — 8 teaching weeks, excluding holidays. Scheduled assignments and project milestones are checked by your mentors. Practical sessions have one principal exercise; walkthrough and overview sessions use explained examples and scenarios. The day-wise plan follows on the next pages.

01

RAP, ABAP Cloud & your development environment

WEEK 1 · DAYS 1-5

Architecture and course orientation, guided environment setup, a guided first RAP application, ABAP Cloud rules, a modern-syntax refresher and CDS for RAP — hands-on from Session 2 on your BTP ABAP Environment trial.

RAP big picture | OVERVIEW

ADT & BTP trial setup (guided)

First RAP application (guided)

ABAP Cloud rules

Modern syntax & XCO

CDS for RAP



02

Behavior definitions, implementations & EML

WEEK 2 · DAYS 6-10

Projections and value helps, the managed behavior definition, determinations, validations, actions, functions, feature control, EML and the transaction model — hands-on, ending in Milestone 1.

Projections & value helps

BDEF (managed)

Determinations & validations

Actions & functions

Feature control

EML & transaction phases

RAP test doubles

03

Numbering, draft, OData V4 services & authorizations

WEEK 3 · DAYS 11-15

Managed UUID and late numbering hands-on, developer-implemented early numbering with number ranges as a walkthrough; additional and unmanaged save, draft handling, OData V2 vs V4 services, RAP authorization logic with IAM app objects where supported (business-role administration as a walkthrough) and side effects — ending in Milestone 2.

Managed UUID & late numbering

Early numbering (number ranges)

WALKTHROUGH

Additional & unmanaged save

Draft

OData V2 vs V4

Web API

Authorization logic & IAM app objects

Business-role administration

WALKTHROUGH

PFCG roles

WALKTHROUGH

Side effects & precheck

04

Events, Fiori Elements, deployment & in-app extensibility

WEEK 4 · DAYS 16-20

RAP business events with a local handler, UI annotations and generating the Fiori Elements app with SAP Fiori tools hands-on; launchpad and Work Zone deployment, Adapt UI and key user extensibility as walkthroughs and overviews; a custom entity with a query provider.

RAP business events (local)

Event Mesh

OVERVIEW

UI annotations

SAP Fiori tools & BAS

Launchpad & Work Zone

WALKTHROUGH

Adapt UI

WALKTHROUGH

Custom Fields & Logic

OVERVIEW

Custom entities

Business Configuration objects

OVERVIEW

05

Clean core, wrappers, calling APIs & SAP BTP

WEEK 5 · DAYS 21-25

The 3-tier model and released APIs, a small unmanaged RAP CRUD example over a custom table (supplied starter code) and the HTTP/JSON integration pattern with a supplied sample response hands-on — a read-only public API call where connectivity permits; tier-2 BAPI wrappers, the additional-save variant, S/4HANA API consumption and destinations as walkthroughs; the ABAP AI SDK and BTP connectivity as overviews.

3-tier model

Released APIs

Tier-2 wrappers

WALKTHROUGH

Unmanaged RAP CRUD (starter code)

Additional-save variant

WALKTHROUGH

Service consumption model

HTTP & JSON (XCO)

ABAP AI SDK

OVERVIEW

Destinations & Cloud Connector

WALKTHROUGH

IAM & communication management

OVERVIEW



06

Quality, lifecycle & AI-assisted development

WEEK 6 · DAYS 26–30

Testing RAP with test doubles, ATC, debugging, tracing and logging hands-on; organising your objects in the permitted package / software component and an abapGit backup hands-on; Application Jobs and the three lifecycle routes (BTP ABAP Environment, S/4HANA Cloud Public Edition, on-premise / private cloud) as walkthroughs; Joule for developers and MCP-based agents as overviews and walkthroughs with supplied examples.

ABAP Unit & test doubles

ATC

Cross Trace & BALI

Application Jobs

WALKTHROUGH

abapGit backup & package organisation

gCTS, Import Collection & Cloud TMS

WALKTHROUGH

Joule for developers

OVERVIEW

MCP & AI agents

WALKTHROUGH

07

Capstone: a RAP application built in one environment

WEEK 7 · DAYS 31–35

Design and build the capstone within one selected environment — data model, behavior, draft, local events, Fiori Elements app, authorization logic and tests — with business-role administration, integration and deployment extensions as documented designs and walkthroughs, then review it like a project team.

Design document

Draft + numbering

Local event & logs

Fiori app & authorization logic

Business roles & deployment

WALKTHROUGH

Extension designs

WALKTHROUGH

Code review

08

Interviews, resume, certification & assessment

WEEK 8 · DAYS 36–40

Two interview-preparation sessions, resume and LinkedIn review, SAP certification guidance and the assessment briefing; the final scenario assessment is completed independently outside live hours and submitted before Session 40, which brings selected assessment feedback, a cohort mock interview and next-step guidance.

Interview Q&A ×2

Resume & LinkedIn

C_ABAPD guidance

Assessment (independent, before S40)

Assessment feedback

Mock interview (cohort)



♦ DAY-WISE PLAN

Every session, day by day

Monday to Friday, 1 hour a day. Sessions 1–3 are the free demo sessions. Each session ends with question time; assignments are reviewed in the following week. The last column names each session's delivery mode — **HANDS-ON** **WALKTHROUGH** **OVERVIEW** — as defined on page 2; career sessions are marked **CAREER**. The order may be fine-tuned by your trainer for the batch, but the topics below are covered.

Day	Session	What you'll learn	Delivery mode & outcome
WEEK 1 · MODULE 1 RAP, ABAP Cloud & your development environment			
01 FREE DEMO	Modern SAP development: architecture & course orientation	Where SAP development is going — S/4HANA Cloud (Public and Private Edition), SAP BTP, clean core; the ABAP RESTful Application Programming Model: why SAP built it and where it runs (S/4HANA on-premise and private cloud, S/4HANA Cloud Public Edition, BTP ABAP Environment); RAP vs classic ABAP vs BOPF vs CAP — and which RICEF object each RAP artefact replaces; the big picture — CDS → behavior → service → Fiori; the Travel-Booking application you develop step by step; how each topic is delivered (hands-on, walkthrough or overview); the two environments — your individual SAP BTP ABAP Environment trial and, where confirmed before paid enrolment, an on-premise practice system; the installation instructions shared before the batch.	OVERVIEW Demo of the finished capstone; software checklist and pre-batch installation instructions (Eclipse, ADT, browser, BTP trial registration steps)
02 FREE DEMO	Guided environment setup: ADT, SAP BTP ABAP Environment trial & practice system	Installing Eclipse and ABAP Development Tools from the pre-batch instructions; registering your individual SAP BTP trial account and creating the ABAP Environment trial instance (booster) step by step; connecting ADT; the trial's limited validity (normally up to 90 days), shared-system limits and how to back up your code with abapGit; connecting ADT to an on-premise practice system where one is confirmed; ABAP language versions — Standard ABAP vs ABAP for Cloud Development; released APIs and the Released Objects tree; ADT tour — project explorer, debugger, ATC, data preview.	HANDS-ON Guided setup: ADT installed and connected to your BTP ABAP Environment trial. Account provisioning can take longer than one live hour for some accounts — follow-up help in Session 3
03 FREE DEMO	Guided first RAP application	The /DMO/ flight data model; generating a managed RAP business object from a table with the ADT generator — CDS, behavior definition and pool, service definition and binding; publishing the OData V4 UI service; create, update and delete in the ADT Fiori Elements preview; reading the generated objects — the flow you follow through the whole course.	HANDS-ON Guided: generate and run your first RAP application in the ADT Fiori Elements preview



Day	Session	What you'll learn	Delivery mode & outcome
WEEK 1 · MODULE 1 RAP, ABAP Cloud & your development environment			
04	ABAP Cloud language rules & modern syntax refresher	What changes in ABAP Cloud — ABAP Cloud language restrictions, released APIs and supported database-access techniques; ABAP SQL and CDS are the main techniques used in this course; no dynpros, WRITE or obsolete statements; the modern syntax you use daily: inline declarations, VALUE / CORRESPONDING / REDUCE / FOR / COND / SWITCH, string templates, table expressions, FINAL, class-based exceptions; the XCO library (strings, dates, JSON, generation) and released classes that replace classic function modules (number ranges, application log); ATC ABAP Cloud checks. A targeted refresher — it does not replace an OO course; learners weak in OO should complete the relevant Course 1 material first.	HANDS-ON Modernise a supplied classic class until it passes ABAP Cloud checks
05	CDS data modelling for RAP 1	Root and child view entities, compositions and associations, keys; RAP annotations — @Semantics, @ObjectModel, @Search, @EndUserText; the data-model (interface) layer vs the projection (consumption) layer; transactional interface and query views; ADT CDS tools.	HANDS-ON Model the Travel-Booking data model (root and child entities)
Day	Session	What you'll learn	Delivery mode & outcome
WEEK 2 · MODULE 2 Behavior definitions, implementations & EML			
06	CDS data modelling for RAP 2 – projections, value helps & access control	Projection views; value helps (@Consumption.valueHelpDefinition); text associations and @ObjectModel.text; virtual elements (@ObjectModel.virtualElementCalculatedBy); calculated fields and CDS built-in functions; currency and quantity semantics; CDS access control (DCL); CDS unit tests with the CDS test double framework.	HANDS-ON Projection layer with value helps and text associations for Travel-Booking
07	Behavior definition (BDEF) – managed scenario	Reading a BDEF — managed implementation, strict mode, persistent table, alias; key and field characteristics (readonly, mandatory, numbering); etag master; lock master and dependent; authorization master and dependent; create, update, delete and create-by-association; mapping; generating the behavior pool.	HANDS-ON BDEF for Travel and Booking
08	Determinations & validations	Triggers — on modify / on save; create, update, field; reading and modifying instances with EML inside determinations (%tky, %control); messages — T100 message classes; RAP messages using IF_ABAP_BEHV_MESSAGE, new_message(), new_message_with_text(), REPORTED and FAILED; validation vs determination design; unit-testing behavior logic.	HANDS-ON setStatus determination and validateDates validation



Day	Session	What you'll learn	Delivery mode & outcome
WEEK 2 · MODULE 2 Behavior definitions, implementations & EML			
09	Actions, functions & feature control	Instance and static actions; actions with input parameters (abstract entities) and result types; factory actions; internal actions; functions (read-only); global and instance feature control (features : instance); dynamic field control (readonly / mandatory); precheck.	HANDS-ON acceptTravel / rejectTravel actions with instance feature control
10	EML deep dive & transaction phases	Entity Manipulation Language — READ, MODIFY and COMMIT ENTITIES, deep create, %cid and %cid_ref, IN LOCAL MODE, EML from classes, reports and APIs; the RAP transaction model — interaction phase vs save sequence (finalize, check_before_save, adjust_numbers, save, cleanup); the RAP BO test double framework — mock EML API and transactional buffer double.	HANDS-ON Milestone 1: Travel transactional business object with validations, determinations, actions and unit tests PROJECT
Day	Session	What you'll learn	Delivery mode & outcome
WEEK 3 · MODULE 3 Numbering, draft, OData V4 services & authorizations			
11	Numbering strategies, additional & unmanaged save	Three numbering approaches, kept distinct: managed UUID numbering (numbering : managed — the framework assigns UUID keys); developer-implemented early numbering — the early-numbering handler assigns keys from a number range object (cl_numberrange_runtime) or another key source, which is not framework-managed UUID numbering; late numbering (adjust_numbers in the save sequence); external numbering; with additional save — posting to other tables, change documents — and with unmanaged save; choosing the right option per entity.	HANDS-ON WALKTHROUGH Hands-on: late numbering for Travel IDs and managed UUID numbering for Bookings. Walkthrough: developer-implemented early numbering with a number range object, using prepared code
12	Draft handling	Why draft — stateless UIs and auto-save; with draft and draft tables; draft actions Edit, Activate, Discard, Resume, Prepare; total etag; use draft in projections; %is_draft; draft-aware validations and determinations; optimized activation; draft in Fiori Elements.	HANDS-ON Draft-enable the Travel business object
13	Service definition, service binding & OData V2 / V4	Service definition (expose); binding types — OData V2 UI / Web API and OData V4 UI / Web API; publishing locally and from ADT; the Fiori Elements preview; OData concepts revisited — \$metadata, \$filter, \$expand, \$batch, ETags; testing in the browser and with an API client (Postman / Bruno); API versioning basics.	HANDS-ON Publish and test OData V4 UI and Web API bindings



Day	Session	What you'll learn	Delivery mode & outcome
WEEK 3 · MODULE 3 Numbering, draft, OData V4 services & authorizations			
14	Authorizations in RAP	Authorization master and dependent; instance and global authorization (get_instance_authorizations, get_global_authorizations); authorization objects and AUTHORITY-CHECK in ABAP Cloud; CDS access control with the BO; IAM apps and business catalogs as development objects vs business roles and user assignments as administration; on-premise PFCG roles explained for comparison; securing OData services.	HANDS-ON WALKTHROUGH Hands-on: implement RAP authorization logic and test permitted scenarios using the available student account. Create IAM app and business-catalog development objects where supported by the environment. Walkthrough: business-role administration, user assignments and testing separate user roles where the required administrative access is unavailable; on-premise PFCG roles
15	Side effects, precheck & UI-driven logic	Side effects — field, entity and action side effects for OData V4 UIs; precheck to reject changes early; determine actions and draft determine action Prepare; mandatory:create and readonly:update; dynamic feature control on the UI; %control and prefetching considerations.	HANDS-ON Milestone 2: draft-enabled Fiori Elements application with authorizations and side effects, running in the ADT Fiori Elements preview PROJECT
Day	Session	What you'll learn	Delivery mode & outcome
WEEK 4 · MODULE 4 Events, Fiori Elements, deployment & in-app extensibility			
16	RAP business events	Defining events in the BDEF; raising events (RAISE ENTITY EVENT) from the save sequence; local event handler classes; event binding and publishing to SAP Event Mesh / Advanced Event Mesh — architecture overview with diagrams (broker provisioning and message delivery are not part of the trial exercise); consuming external events (RAP event consumption) — event-driven extensions.	HANDS-ON OVERVIEW Hands-on: TravelAccepted event with a local handler. Overview: Event Mesh / Advanced Event Mesh publishing and consumption
17	Fiori Elements UI annotations	How @UI annotations become a List Report and Object Page — headerInfo, lineItem, selectionField, identification, facets, fieldGroup, dataPoint and criticality, hidden fields, text arrangement, presentation and selection variants; metadata extensions (annotate view) and layering; value help and search on the UI; Analytical List Page and Overview Page (overview).	HANDS-ON Polish the Travel app UI with a metadata extension



Day	Session	What you'll learn	Delivery mode & outcome
WEEK 4 · MODULE 4 Events, Fiori Elements, deployment & in-app extensibility			
18	Generating the Fiori Elements app with SAP Fiori tools	SAP Fiori tools — in Business Application Studio on the BTP trial or in VS Code — generating a Fiori Elements (OData V4) List Report Object Page app from your RAP service; running and previewing it locally; the difference between the ADT Fiori Elements preview and a separately generated (and later deployed) application; page map and guided development; local vs back-end annotations; manifest and i18n; the Fiori Elements flexible programming model — extension points, custom sections and custom actions (overview); freestyle SAPUI5 vs Fiori Elements — when to use which (freestyle SAPUI5 development is not taught in this course).	HANDS-ON OVERVIEW Hands-on: generate and preview your Fiori Elements app with SAP Fiori tools. Overview: flexible programming model and freestyle SAPUI5 boundaries
19	Deploying & running Fiori apps: launchpad, Work Zone & Adapt UI	Deployment targets explained — the ABAP repository and on-premise Fiori launchpad (catalogs, groups, spaces and pages, target mappings); SAP BTP — HTML5 application repository and SAP Build Work Zone, standard edition; key user Adapt UI — hide, move and rename fields, variants; developer adaptation projects for standard Fiori apps (overview). Presented as configuration and architecture walkthroughs with prepared screens and settings, because the exact deployment route depends on the environment available to the batch.	WALKTHROUGH OVERVIEW Walkthrough: launchpad / Work Zone deployment configuration and Adapt UI. Practical outcome kept from Session 18: your generated app runs in the SAP Fiori tools preview
20	In-app extensibility & making RAP objects extensible	Key user extensibility in S/4HANA — Custom Fields, Custom Logic (cloud BADIs), Custom CDS Views, Custom Business Objects, Extensibility Inventory and Adapt UI — overview and configuration walkthrough (S/4HANA standard business applications are not part of the ABAP trial); developer extensibility on S/4HANA Cloud; making your own RAP BO and CDS extensible — extensibility annotations, extensible BDEF, BADIs in RAP; custom entities with a query provider (if_rap_query_provider) for calculated or remote data; Business Configuration maintenance objects — the SM30 replacement in ABAP Cloud (overview); the unmanaged scenario at a glance.	HANDS-ON WALKTHROUGH OVERVIEW Hands-on (single principal exercise): a custom entity with a query provider. Walkthrough / overview: key user extensibility apps, Adapt UI and Business Configuration objects
Day	Session	What you'll learn	Delivery mode & outcome
WEEK 5 · MODULE 5 Clean core, wrappers, calling APIs & SAP BTP			
21	Clean core & the 3-tier extensibility model	SAP's clean core strategy — extensions, processes, data, integrations, operations; tier 1 ABAP Cloud, tier 2 cloud API enablement, tier 3 classic ABAP; released APIs and release contracts (C1); the SAP Business Accelerator Hub; ABAP Cloud readiness of existing code — ATC remote checks and the Custom Code Migration app (walkthrough); upgrade-safe development on S/4HANA on-premise and private cloud.	HANDS-ON WALKTHROUGH Hands-on: classify supplied legacy objects into the three tiers and check a class with ABAP Cloud ATC. Walkthrough: remote ATC and Custom Code Migration



Day	Session	What you'll learn	Delivery mode & outcome
WEEK 5 · MODULE 5 Clean core, wrappers, calling APIs & SAP BTP			
22	Tier-2 wrappers & the unmanaged scenario	When a released API is missing — SAP's cloud API enablement guidelines; wrapping a BAPI (for example BAPI_SALESORDER_CREATEFROMDAT2, BAPI_PO_CREATE1) in a Standard ABAP class, releasing it with a C1 contract, ATC checks for wrappers and correct commit handling — explained with prepared on-premise / private-cloud code, since S/4HANA BAPIs are not part of the ABAP trial; why a wrapper does not automatically make an API upgrade-safe or compatible with RAP transaction rules, and why explicit BAPI commits never belong inside RAP handlers; the unmanaged RAP scenario completed from supplied starter code on a custom table; the additional-save alternative explained.	HANDS-ON WALKTHROUGH Hands-on: complete and execute a small unmanaged RAP create/update/delete example over a custom table using supplied starter code. Walkthrough: an additional-save variant and a real BAPI wrapper with C1 release and correct transaction handling — posting a real S/4HANA business document is not a promised outcome
23	Consuming OData APIs from ABAP Cloud	Service Consumption Model in ADT from \$metadata / EDMX (prepared metadata supplied); the OData client proxy (cl_web_odata_client_factory); communication scenarios, systems, arrangements and users on BTP — explained with diagrams (communication-management administration is not part of the shared trial exercise); HTTP destinations (cl_http_destination_provider); calling an S/4HANA API (Business Partner, Sales Order) from a RAP action or determination — code walkthrough with sample requests and responses (trial-to-S/4HANA connectivity is not guaranteed); error handling and retries.	HANDS-ON WALKTHROUGH Hands-on: service consumption model and client-proxy code generated from supplied metadata. Walkthrough: S/4HANA API call with communication arrangement and destination
24	Calling REST APIs & generative AI from RAP	The HTTP client in ABAP Cloud (cl_web_http_client_manager); JSON with XCO (xco_cp_json); destinations and credentials; the HTTP/JSON integration pattern in a RAP action, processing a supplied sample response, and a read-only public API call where trial connectivity and endpoint availability permit; calling AI from ABAP — the ABAP AI SDK, ISLM and the generative AI hub as an architecture overview with a prepared code pattern (no model access or AI subscription is provided); where integration logic belongs in RAP; async options and logging.	HANDS-ON WALKTHROUGH OVERVIEW Hands-on: implement the HTTP/JSON integration pattern and process a supplied sample response. Execute a read-only public API call where trial connectivity and endpoint availability permit. If live connectivity is unavailable, practise response parsing and application logic with the supplied response, and review the HTTP request code as a walkthrough — sample-response practice is not a successfully executed live integration. Overview / walkthrough: the ABAP AI SDK call pattern and its prerequisites



Day	Session	What you'll learn	Delivery mode & outcome
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WEEK 5 · MODULE 5 Clean core, wrappers, calling APIs & SAP BTP

25	SAP BTP for ABAP developers	BTP cockpit essentials — global account, subaccounts, entitlements, service instances; BTP ABAP Environment administration apps (overview); connectivity — destinations and the Cloud Connector for on-premise access; communication management for inbound Web APIs — communication users, OAuth 2.0 and principal propagation (overview); IAM apps and business catalogs; SAP Build Work Zone; BTP services you will meet — Integration Suite, Event Mesh, Document Management, AI Core, SAP Cloud ALM for monitoring — as architectural overviews; side-by-side vs on-stack extensions. This is not a BTP administration course.	OVERVIEW WALKTHROUGH
			Assignment: API-extension design for your Travel application with a request / response walkthrough (design document plus prepared payloads — no live external integration required) ASSIGNMENT

Day	Session	What you'll learn	Delivery mode & outcome
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WEEK 6 · MODULE 6 Quality, lifecycle & AI-assisted development

26	Testing RAP applications	ABAP Unit in ABAP Cloud; test doubles — CDS test double framework, ABAP SQL test environment, RAP BO test double framework (mock EML and transactional buffer doubles); testing determinations, validations and actions; ATC in ADT (ABAP Cloud and custom checks); Clean ABAP and clean core coding guidelines; a code-review checklist.	HANDS-ON
			Unit tests for your Travel business object, reused in the capstone
27	Debugging, tracing, logging, jobs & performance	The ADT debugger in behavior pools and the save sequence; ABAP Cross Trace for RAP; ABAP Profiler and SQL trace; the Application Log in ABAP Cloud (BALI); background processing in ABAP Cloud — Application Jobs (job catalog entry and template, Application Jobs app) as a walkthrough where the app is not available on the trial; performance patterns — buffering, %control-driven reads, fewer round trips, association prefetch; typical RAP runtime errors and their fixes.	HANDS-ON WALKTHROUGH
			Hands-on: trace and tune a slow action; write to the application log (BALI). Walkthrough: Application Jobs
28	Transport & lifecycle management	Three lifecycle routes, kept distinct: SAP BTP ABAP Environment — software components (Manage Software Components), branches and the applicable lifecycle tools (SAP Cloud Transport Management, the Landscape Portal); SAP S/4HANA Cloud Public Edition — developer extensibility transport requests managed and released through ADT, with imports through Import Collection, distinguished from key-user software collections; SAP S/4HANA on-premise / private cloud — the applicable transport landscape (transport requests in ADT, DEV → QAS → PRD) with gCTS explained separately; abapGit as a backup and source tool; service-binding versions and API lifecycle; a go-live checklist for RAP projects. Cross-system lifecycle operations are walkthroughs; a Git export is a backup, not a completed production transport; multiple systems are not part of the course.	HANDS-ON WALKTHROUGH
			Hands-on: organise your objects in the permitted package / software component and back up supported source objects with abapGit. Walkthrough: software-component administration, gCTS, Cloud Transport Management, Import Collection and the Landscape Portal — students do not administer software components or perform a production transport on the shared trial



Day	Session	What you'll learn	Delivery mode & outcome
WEEK 6 · MODULE 6 Quality, lifecycle & AI-assisted development			
29	AI-assisted ABAP Cloud development 1 – Joule & SAP Business AI	Joule for developers in ADT — generating RAP objects from natural language, explaining code, generating ABAP Unit tests, AI code completion — shown with original diagrams and prepared examples (Joule is licensed by SAP customers; student licences are not provided); Joule for end users and Joule Studio agents (overview, not implementation training); SAP Build Code with Joule (overview); SAP AI Core and the generative AI hub (overview); what interviews ask about SAP Business AI.	OVERVIEW WALKTHROUGH Overview / walkthrough: Joule for developers workflows and prerequisites; prompt-writing practice on supplied examples
30	AI-assisted ABAP Cloud development 2 – MCP & AI coding agents	Model Context Protocol (MCP) explained — client, model, server and tool architecture; how an AI coding assistant (for example Claude Code in VS Code) connects to an ABAP system through an ABAP MCP server — shown with prepared scripts and diagrams (no MCP-connected SAP system, paid model access or AI subscription is provided); prompt templates for RAP (business object, wrapper, unit tests); guardrails — verify with ATC and tests, never trust an unreleased API.	WALKTHROUGH HANDS-ON Walkthrough: MCP architecture and an ABAP MCP server flow. Hands-on: inspect supplied AI-generated RAP code and verify it with syntax check, ATC and ABAP Unit
Day	Session	What you'll learn	Delivery mode & outcome
WEEK 7 · MODULE 7 Capstone: a RAP application built in one environment			
31	Capstone design	Requirement walk-through — a custom-table Travel Management application or a custom-table Purchase Requisition approval simulation, built within one selected environment (your BTP ABAP Environment trial by default). The Purchase Requisition option demonstrates custom RAP data, status changes and approval actions; it does not implement standard S/4HANA Purchase Requisition posting or SAP Flexible Workflow. Data model and BO design (root and child, draft, numbering); authorization and UI design; extension designs documented rather than built — S/4HANA posting through a wrapper, external connectivity, events to Event Mesh, Work Zone deployment, cross-system transport; the technical design document.	HANDS-ON Your design document, including the documented extension designs PROJECT
32	Capstone build 1 – data model & behavior	CDS entities and projections; BDEF with draft; numbering; determinations and validations; actions and functions; unit tests — assembled from your Travel-Booking milestones.	HANDS-ON Build day: data model and behavior PROJECT



Day	Session	What you'll learn	Delivery mode & outcome
WEEK 7 · MODULE 7 Capstone: a RAP application built in one environment			
33	Capstone build 2 – logic, events & logs	Feature control and side effects; a local business event with a handler; the application log; the documented extension designs walked through with prepared code — wrapper-based posting in an additional or unmanaged save and an external OData / REST call in an action (not required for the capstone).	HANDS-ON WALKTHROUGH Build day: logic, local event and logging (hands-on); integration extensions as walkthrough PROJECT
34	Capstone build 3 – Fiori app & authorizations	OData V4 UI and Web API bindings; UI annotations, side effects and value helps; the Fiori Elements app — ADT preview and, where set up in Session 18, an app generated with SAP Fiori tools; RAP authorization logic tested with the available student account, with IAM app and business-catalog development objects where supported; business-role administration and separate user roles, launchpad or Work Zone deployment and Adapt UI as configuration walkthroughs.	HANDS-ON WALKTHROUGH Build day: Fiori Elements app and authorization logic (hands-on; IAM app and business-catalog objects where supported); business-role administration, deployment and Adapt UI as walkthrough PROJECT
35	Capstone review	ATC and ABAP Cloud checks; performance trace; mentor code review and review of supplied AI-generated suggestions; demo presentations; how RAP projects run in real teams — git branches, code review, DevOps, cutover.	HANDS-ON Capstone submission and presentation PROJECT
WEEK 8 · MODULE 8 Interviews, resume, certification & assessment			
36	RAP interview preparation 1 – concepts	Top questions with model answers — RAP architecture, CDS view entities, BDEF keywords, managed vs unmanaged, determinations vs validations, EML, transaction phases, numbering, draft.	CAREER Q&A drill
37	RAP interview preparation 2 – scenarios	Scenario questions — OData V2 vs V4, Fiori Elements, authorizations, side effects, events, clean core and the 3-tier model, wrappers, calling APIs, BTP vs on-premise, AI and Joule; explaining your capstone in interviews.	CAREER Scenario Q&A drill
38	Resume & LinkedIn for the modern SAP developer	Presenting ABAP Cloud, RAP, BTP and Fiori skills on a resume; project write-ups from your milestones and capstone; keywords recruiters search; LinkedIn headline and about; GitHub / abapGit portfolio; resume review by mentors.	CAREER Submit your resume for mentor review ASSIGNMENT



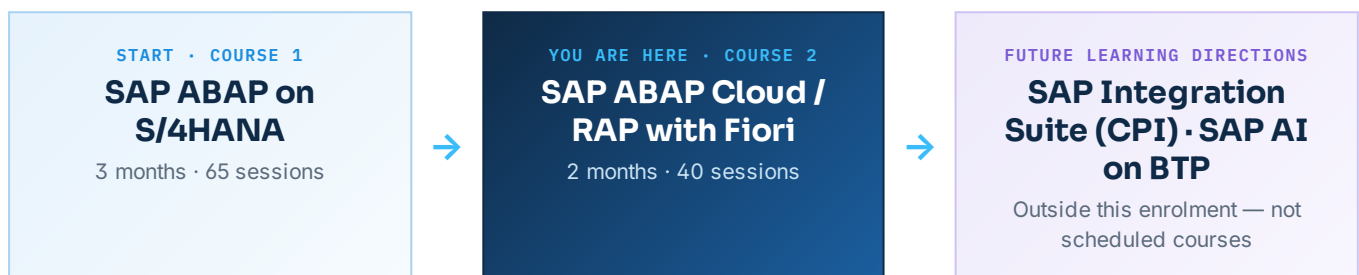
Day	Session	What you'll learn	Delivery mode & outcome
WEEK 8 · MODULE 8 Interviews, resume, certification & assessment			
39	SAP certification guidance & assessment briefing	SAP Certified Associate – Back-End Developer – ABAP Cloud (C_ABAPD) — how its topic areas relate to this course and Course 1 (this programme is not a complete exam-coverage course and does not issue SAP credentials); exam format and registration (SAP Learning and the Certification Hub); free SAP Learning journeys; a 4-week study plan; JavitaTech Certificate of Completion criteria; assessment briefing — the final scenario assessment is issued here, completed independently outside live teaching hours and submitted before Session 40.	CAREER Your personal certification plan; assessment scenario issued for independent completion and submission before Session 40
40	Assessment feedback, cohort mock interview & next steps	Selected feedback on the independently completed assessments submitted before this session; cohort mock interview — sample interviews conducted live with mentor feedback (not every student can be interviewed individually within one hour; a question bank is shared for self-practice); final questions; next-step guidance — future learning directions beyond this enrolment, such as SAP Integration Suite (CPI) and SAP AI on BTP; certificate issue (dependent on successful assessment completion) and the alumni community.	CAREER Selected assessment feedback, cohort mock interview and next-step guidance

♦ YOUR LEARNING PATH

Course 1 before Course 2 — and what comes after

This course assumes you can already write ABAP. Course 1 — SAP ABAP on S/4HANA (3 months · 65 sessions) — provides the ABAP language, OO, CDS, AMDP, Gateway/OData and testing foundations; it does not finish with a transactional RAP application or a BTP trial setup. Course 2 owns the first transactional RAP application, behaviour implementations, draft, EML and transactional Fiori Elements development, with targeted revision of the foundations followed by advanced application.

Beginners complete Course 1 before Course 2. Separate academy batches may run at the same time, but that is scheduling, not a recommended parallel learning path. Together the two courses cover many topic areas of the SAP Certified Associate – Back-End Developer – ABAP Cloud (C_ABAPD) exam — core ABAP and object-oriented design (Course 1), CDS and data modelling (both), RAP and clean core extensibility (Course 2) — without claiming complete exam coverage. Course 1 students join Course 2 directly. SAP Integration Suite (CPI) and SAP AI are future learning directions outside this enrolment; no future batches or automatic progression are promised.



♦ CERTIFICATION

Finish strong — with a certificate to show for it

JAVITATECH · CERTIFICATE OF COMPLETION

SAP ABAP Cloud / RAP with Fiori

Awarded when you attend the live sessions, complete the hands-on exercises and scheduled assignments, and pass the end-of-course scenario assessment set by your mentor — completed independently outside live teaching hours and submitted before Session 40. Issued as a digital PDF with a unique certificate ID — add it to your resume and LinkedIn profile, and back it up with the Travel-Booking milestones and the capstone you built.

Honest note: this is a JavitaTech training credential, not an official SAP certification. SAP's own certification exams — for this track, SAP Certified Associate – Back-End Developer – ABAP Cloud (C_ABAPD) — are conducted independently by SAP and taken separately at your cost. This program builds the practical foundation and includes a guidance session on how to prepare; it does not claim complete exam coverage, and completion does not guarantee employment.

♦ ADMISSION · FEES · REFUND

Simple, transparent policies

- ♦ **Three free demo sessions.** Sessions 1, 2 and 3 of every batch are free. Enrol after any of them; from Session 4 only enrolled students continue.
- ♦ **Fee.** Shared on WhatsApp, GST-inclusive, and paid in full after the free demo, before your first paid session (no 50% option on this course). The SAP BTP trial is registered by you with SAP. On-premise practice-system requirements and access arrangements will be confirmed before paid enrolment.
- ♦ **Refund.** If you withdraw, requests are accepted within 2 days of your first paid session (demo sessions are not counted); 15% of the total fee is non-refundable and refunds are processed within 15 business days. If JavitaTech cancels a batch, all fees paid are refunded in full, including the 15%.
- ♦ **Recordings.** Paid students keep every session's recording for 1 year from full fee payment.
- ♦ **Support.** Academic questions are answered live, during the sessions only. For admin help (access, recordings, payments), message JavitaTech on WhatsApp +91 87122 87999 or e-mail info@javitatech.com.
- ♦ **Certificate.** Issued after you attend the sessions, complete the scheduled assignments and pass the final scenario assessment. Interview, resume and certification guidance are part of the course. Placement referral is separate and optional — we share your profile only for a role you agree to — and there is no job guarantee.

♦ FAQ

Questions students usually ask

♦ **When does the batch start?**

Batch and free-demo dates are announced first on the JavitaTech WhatsApp channel and on javitatech.com. Message us on WhatsApp and we will share the next dates.

◆ **I know classic ABAP but not CDS or ABAP Objects well. Can I join?**

Working ABAP, Dictionary, SQL and basic OO knowledge are required. Sessions 4–6 refresh modern syntax, ABAP Cloud rules and CDS before behavior definitions start — they do not replace an OO course or provide a full OData refresher; OData concepts are revisited in the service-development sessions. If your OO is weak, complete the relevant Course 1 material first; if you have no ABAP background, complete Course 1 — SAP ABAP on S/4HANA — first.

◆ **Is the SAP BTP trial really free?**

SAP offers the BTP trial free of charge under its own terms, for a limited duration — normally up to 90 days. You register your own account (guided in Session 2), check your remaining validity before enrolment and back up your code regularly with abapGit. It is a shared, non-productive environment: not every advertised cloud capability is included, and we do not claim permanent access or that commercial training permission has been established. On-premise practice-system arrangements are confirmed before paid enrolment.

◆ **What if I miss a session?**

Every session is recorded and added to your course portal within a day. Watch it, and bring your questions to the next live session's question time.

◆ **Do I need my own SAP system?**

No. Your individual SAP BTP ABAP Environment trial supports the core RAP route — CDS, behavior, EML, draft, OData V4, the Fiori Elements preview and a generated Fiori Elements app, tests. Topics that need enterprise BTP services, S/4HANA business applications, external connectivity or system landscapes are taught as walkthroughs and overviews. For the on-premise exercises, practice-system requirements and access arrangements will be confirmed before paid enrolment; other topics remain walkthroughs, depending on installed applications, configuration and student permissions. If your employer permits it and gives you an S/4HANA system with equivalent capabilities, you can use that instead.

◆ **What computer do I need?**

A laptop with 8 GB RAM minimum (16 GB recommended for Eclipse ADT) and a stable internet connection. Eclipse ADT and SAP Fiori tools run on Windows and macOS; SAP GUI for Windows is only needed for on-premise practice-system topics.

◆ **How are doubts handled?**

Ask them live — every session ends with question time. Academic questions are answered during the live sessions only; for admin help (access, recordings, payments), message JavitaTech on WhatsApp.

◆ **Which topics are hands-on and which are walkthroughs?**

CDS modelling, behavior definitions and implementations, EML, draft, managed UUID and late numbering, OData V4 bindings, side effects, local business events, UI annotations, generating a Fiori Elements app with SAP Fiori tools, custom entities, a small unmanaged RAP CRUD example over a custom table from supplied starter code, the HTTP/JSON integration pattern with a supplied sample response (a read-only public API call only where connectivity permits), tests, tracing and logging are hands-on on your trial. RAP authorization logic is hands-on with IAM app and business-catalog objects where the environment supports them. Business-role administration and user assignments, the additional-save variant, BAPI wrappers, S/4HANA API consumption, destinations and Cloud Connector, launchpad and Work Zone deployment, Adapt UI, Application Jobs, gCTS, Import Collection and Cloud Transport Management, the ABAP AI SDK pattern and MCP-based agents are code/configuration walkthroughs. Event Mesh, Integration Suite and other BTP services, key user extensibility, BTP administration, Joule and Joule Studio are conceptual overviews. The day-wise plan labels every session.

◆ Do you provide placements?

Interview preparation is part of the course: two interview-preparation sessions, a cohort mock interview, resume and LinkedIn review, SAP certification guidance and the capstone you can show. Placement referral is separate and optional: we share your profile only for a role you agree to. No job guarantee.

◆ Will I get a certificate?

Yes — the JavitaTech Certificate of Completion, after you clear the final scenario assessment, which you complete independently outside live hours and submit before Session 40. It is a JavitaTech training credential; official SAP certification exams are conducted separately by SAP, and Session 39 shows you how to prepare for C_ABAPD.

◆ What about the fee and refunds?

The fee is shared on WhatsApp (GST-inclusive) and is paid in full after the free demo, before your first paid session; this course has no 50% instalment option. Refund requests are accepted within 2 days of your first paid session; 15% of the total course fee is non-refundable if you withdraw. If JavitaTech cancels a batch, all fees paid are refunded in full, including the 15%. Full terms: javitatech.com → Cancellation & Refund.

◆ What comes after this course?

SAP Integration Suite (CPI) and SAP AI on BTP are future learning directions outside this enrolment — we do not promise future batches or automatic progression. Any new course is announced on the WhatsApp channel first.

◆ ENROL OR ASK ANYTHING

One message is all it takes to start.

CALL / WHATSAPP

+91 87122 87999

EMAIL

info@javitatech.com

WEBSITE

www.javitatech.com

WHATSAPP CHANNEL

**whatsapp.com/channel/0029VbDTBjI77qVSEkFFV50F — batch
and free-demo dates are announced here first**

Tell us which course you want to start with — Course 1: SAP ABAP on S/4HANA (recommended for beginners), or Course 2: SAP ABAP Cloud / RAP with Fiori (for developers who already have Course 1-level foundations) — and the JavitaTech team will share the next free-demo dates, timings and the fee.

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