



**OUTOFTHEBOX**  
ACADEMY



# **SAP CPI** **Hands-on** **Expert Training** Online Program

Your 360 degree  
training Destination



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**Our Website**  
[www.outoftheboxacademy.com](http://www.outoftheboxacademy.com)

**Contact  
Information**

## Our Students got placed in:

**Deloitte.**



Infosys®

 **NTT DATA**



# Training Modules

## 360 Degree Training

- Training by realtime experts (10+ years)
- Access to 360 degree Portal
- Access to test servers
- 15-20 scenarios hands on training
- Covering most of the adapters
- Emphasis on groovy scripting, node functions
- Final Project Submission and Review
- Resume Preparation session
- Mock Interview
- Post-job backend support
- Discord group for collaboration

## Reading and Assignments

- **Module 1** - Introduction to SAP CPI
- **Module 2** - Setup and Configuration
- **Module 3** - Integration Design
- **Module 4** - Connectivity and Adapters
- **Module 5** - Scripting and Advanced Topics
- **Module 6** - Monitoring and Troubleshooting
- **Module 7** - Extensions and Enhancements
- **Module 8** - Testing and Deployment
- **Module 9** - Real-Time Scenarios and Use Cases
- **Module 10** - Best Practices and Tips
- **Module 11** - Advanced and Other Topics

## Duration and next batches

- 50 Hours online training
- Small groups (Max 10)
- Contact us for next **batch details**

Day 1	<ul style="list-style-type: none"> <li>● Introduction to BTP</li> <li>● Overview to SAP Middleware, versions</li> <li>● Introduction to SAP Integration</li> </ul> <p>case studies:</p> <ul style="list-style-type: none"> <li>● Introduction to Trial account creation</li> </ul>
Day 2	<ul style="list-style-type: none"> <li>● SAP CPI capabilities, global account, subaccount, tenant</li> <li>● SAP Basics (Inbound,outbound,Xpath....), user access</li> <li>● SAP CPI discovery, standard content, tools</li> </ul>
Day 3	<ul style="list-style-type: none"> <li>● Overview of Cloud integration Design</li> <li>● First iFlow Creation</li> <li>● Pallet operations:- Participants,Events,</li> </ul>
Day 4	<ul style="list-style-type: none"> <li>● Pallet operations:- Converter, Filter,Content Modifier</li> </ul> <p>case studies:</p> <ul style="list-style-type: none"> <li>● Create sample iflow, deployment, simulation</li> </ul>
Day 5	<ul style="list-style-type: none"> <li>● Pallet operations :- Router, multicast</li> <li>● Adapter :-HTTP,HTTP'S</li> <li>● Tools :- postman tool, fileZilla</li> </ul> <p>case studies:</p> <ul style="list-style-type: none"> <li>● Create iFlow scenario</li> </ul>
Day 6	<ul style="list-style-type: none"> <li>● Pallet operations :- Encoding</li> <li>● Monitoring overview ,security material</li> <li>● Adapter :-FTP,SFTP</li> </ul> <p>casestudies:</p> <ul style="list-style-type: none"> <li>● File Adapter to file scenario - <b><u>Scenario 1</u></b></li> </ul>
Day 7	<ul style="list-style-type: none"> <li>● Pallet operations :- Request reply, lookup, content enricher</li> </ul> <p>casestudies:</p> <ul style="list-style-type: none"> <li>● HTTP adapter, HTTP - synch scenario using postman - <b><u>Scenario 2</u></b></li> </ul>
Day 8	<ul style="list-style-type: none"> <li>● Monitoring, certificates, deployment, tracing, queues, SOAPUI</li> <li>● Adapter :- SOAP adapter</li> </ul>

	case studies: ● Lookup mapping demo- <u>Scenario 3</u>
Day 9	● Message mapping, graphical mapping, test mapping, import structures, case studies: ● Mapping creation
Day 10	● Message mapping - standard functions, node functions ● Sample XDS and exercise sheet with mapping logic case studies: ● Mapping creation
Day 11	● Value mapping, fixed values, case studies: ● Mapping creation, Value mapping, lookup <u>Scenario 4</u>
Day 12	● Groovy Scripting case studies: ● Azure blob to SF (Mock) with groovy functions- <u>Scenario 5</u>
Day 13	● XSLT mapping plus Groovy scripting, comparison, namespace removal,
Day 14	● Adapter:- IDOC S4HANA IDOC configuration, (Orders XSD),
Day 15	● Pallet operations :- Datastore, encryption, decryption ● Adapter:-JDBC casestudies: ● To data store with encoding/decoding data - <u>Scenario6</u>
Day 16	● Pallet operations :- Splitters, join , aggregator, gather, ● Adapter:- Process Direct Adapter
Day 17	Exception handling ● Adapter:-Email adapter, case studies:

	● HTTP, Postman <b>Scenario 7</b>
Day 18	<b>Hands on Example 1 - Scenario 8</b>
Day 19	<b>Hands on Example 2 - Scenario 9</b>
Day 20	● B2B operations :-Process Call <b>Hands on example - Q &amp; A session</b>
Day 21	● JMS queue retry mechanism
Day 22	● Transport mechanism, explain real time setup, landscape, TMS, CTS+ Charm, File base ● Demo - File export, TMS Charm, CTS+ screenshots
Day 23	● Real Time workflow, development, support projects, documentations, collaborations,
Day 24	● SAP PI/PO migration, Migration tool ● <b>Migration artifact</b>
Day 25	● Design guidelines, Pipelines
Day 26	● Overview of API- Management ,EventMesh
Day 27	● Real Time Integration development project end to end discussion ● Integration support project details ● How to use AI tools in SAP Integration development ● Overview on B2B integrations
Day 28	<b>Hands on Example 2 - Scenario 10</b>
Day 29	<b>Hands on Example 2 - Scenario 12</b>
Day 30	<b>Hands on Example 2 - Scenario 13</b>
Day 31	<b>Hands on Example 2 - Scenario 14</b>
Day 32	<b>Hands on Example 2 - Scenario 15</b>
Day 33	● SuccessFactors Integrations, Design and Development
Day 34	Project Submission and feedback
Day 35	Project Submission and feedback

Student Daily Plan SAP CPI

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1	Day	Hours				Student Expected Reading	week 1	week 2	week 3	week 4	Week 5
2	Day 1	2				Modules Reading	1-3	4-6	7-9	11	Project Submission
3	Day 2	2	Weekend Classes								
4	Day 3	1									
5	Day 4	1									
6	Day 5	1									
7	Day 6	1									
8	Day 7	1									
9	Day 8	2.5									
10	Day 9	2.5	Weekend Classes								
11	Day 10	1									
12	Day 11	1									
13	Day 12	1									
14	Day 13	1									
15	Day 14	1									
16	Day 15	2									
17	Day 16	2	Weekend Classes								
18	Day 17	1									
19	Day 18	1									
20	Day 19	1									
21	Day 20	1									
22	Day 21	1									
23	Day 22	2.5									
24	Day 23	2.5	Weekend Classes								
25	Day 24	1									
26	Day 25	1									
27	Day 26	1									
28	Day 27	1									
29	Day 28	1									
30	Day 29	2									
31	Day 30	2	Weekend Classes								
32	Total	42									
33	Project Review	1									
34	Resume	1									
35	Mock Interview	1									
36	Full Course	45 Hours									

# Contact Us



## Contact Information

For any questions about the training program, please reach out to:



**Phone**

<http://wa.me/41782194022>



**Website**

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**Our YouTube Channel**

<https://www.youtube.com/@OutOfTheBoxEA>



**GitHub Repo**

<https://github.com/outoftheboxea/SAPCPi>



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