



PARTNER

SAP BTP Data-to-Value Hands-on Exercise Series

DV150 Exercise01 – Connecting SAP S/4HANA Cloud to SAP Data Intelligence Cloud

This document will guide you step by step on the process of connecting SAP S/4HANA Cloud with SAP Data Intelligence Cloud.

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DISCLAIMER

All functionality presented here is subject to change and may be changed by SAP at any time for any reason without notice.

OBJECTIVE

The objective of this exercise is to guide you through how to connect SAP S/4HANA Cloud to SAP Data Intelligence Cloud.

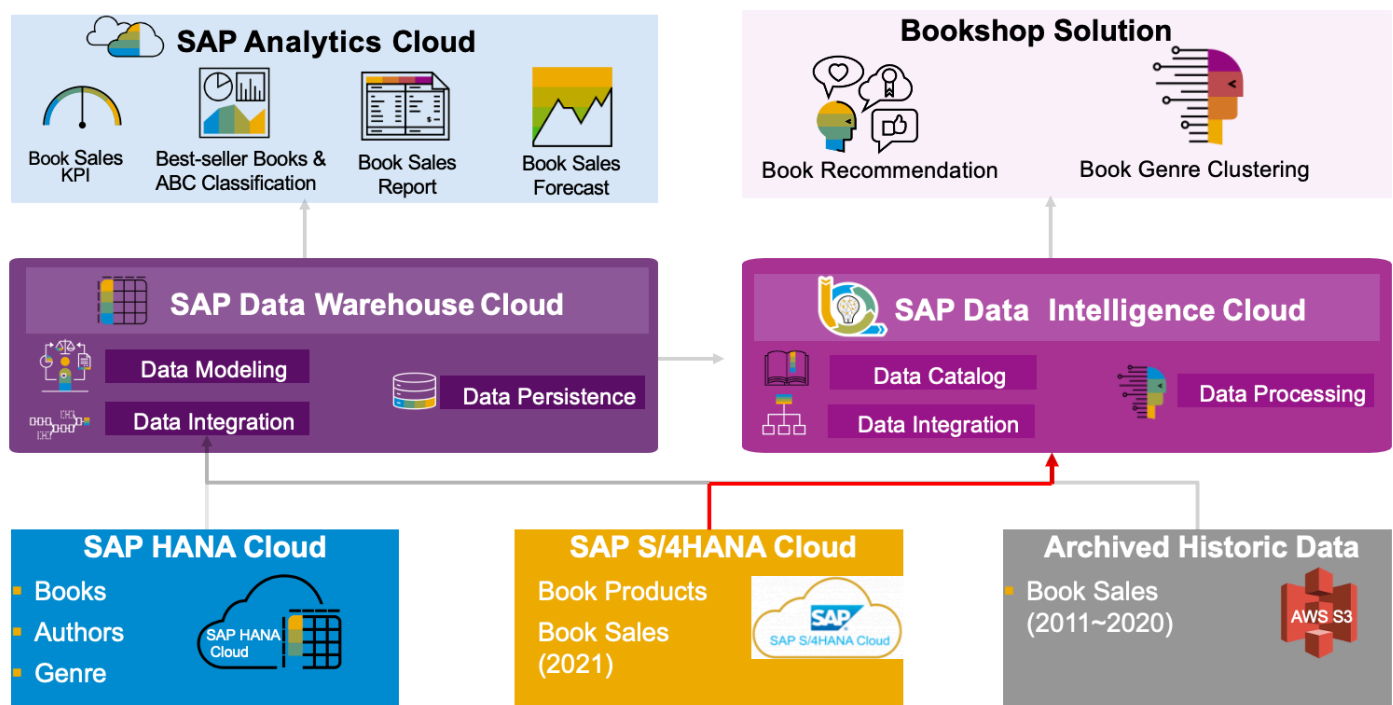
SCENARIO

Per our bookshop storyline there are 3 data sources:

- The live book sales data (2020~2021) is available in SAP S/4HANA Cloud.
- Historical book sales data (2011~2019) resides in Amazon S3 bucket.
- The bookshop solution data locates on SAP HANA Cloud.

SAP Data Intelligence cloud will be used to bring the book sales data together from different sources with data pipelines, orchestrate and operationalize the machine learning scenarios. In this exercise we will cover how to connect S/4HANA Cloud system to SAP Data Intelligence Cloud.

Storyline about a bookshop for Data-to-Value workshop



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ENVIRONMENT ACCESS

Before proceeding with the exercise, please obtain the Tenant details and Login Credentials of SAP Data Intelligence Cloud and SAP S/4HANA Cloud provided to you as instruction below.

SAP Data Intelligence Cloud (to login SAP Data Intelligence Cloud and perform the exercise):

- Tenant URL
- Username: Your assigned User ID
- Password: Your assigned User Password

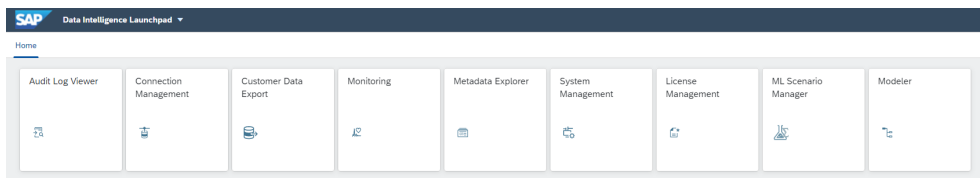
SAP S/4HANA Cloud (connection details to be used to create a connection of SAP S/4HANA Cloud in the [exercise steps](#) below, not for Application UI access):

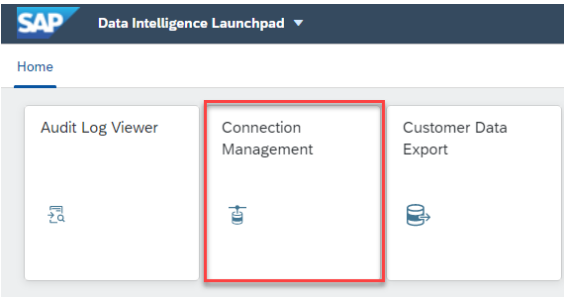

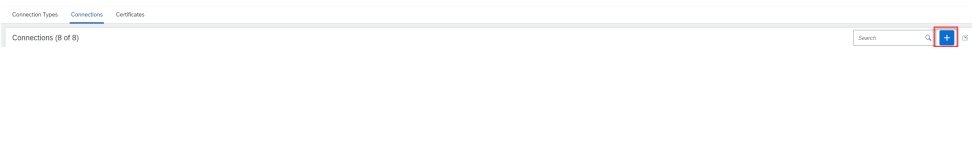
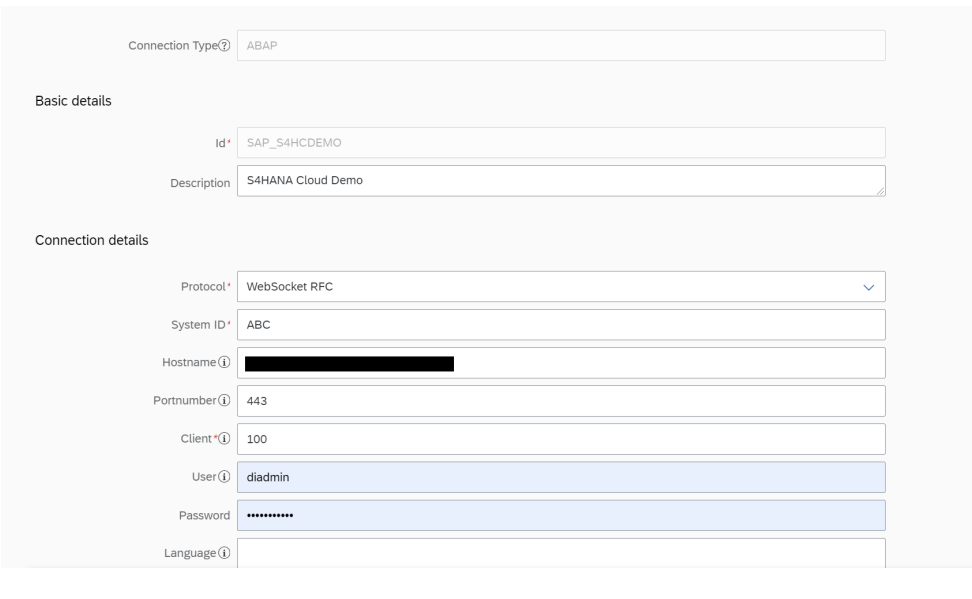
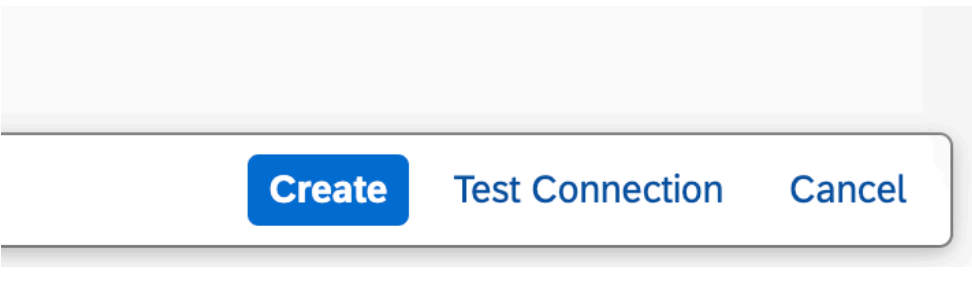
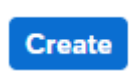
- Hostname
- Client
- System ID
- Username (Communication User in SAP S/4 HANA Cloud, different from your assigned User ID)
- Password (Communication User Password)


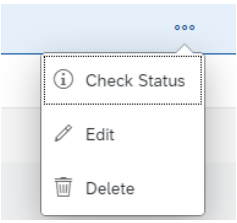
For the Bootcamp participants, please obtain the SAP Data Intelligence Cloud tenant detail and SAP S/4HANA Cloud tenant detail provided by SAP, as well as your assigned user id and password:

- The SAP Data Intelligence cloud tenant URL is available in the dedicated **Microsoft Teams > General (Channel) > System Access (Tab) > SAP Data Intelligence Cloud (Section)**, which you have been invited.
 - Your assigned user id and password for SAP Data Intelligence Cloud are communicated individually via email, which is different from the username (communication user) and password of SAP S/4HANA Cloud demo tenant.
- The connection details (application server, client, username, and password etc.) of SAP S/4HANA Cloud demo tenant are available in the dedicated **Microsoft Teams > General (Channel) > System Access (Tab) > SAP S/4HANA Cloud(section)**.
 - For SAP S/4HANA Cloud, the communication system, communication user and communication arrangement based on standard communication scenario (SAP_COMM_0532) have been created and configured in the given demo tenant. No configuration is required in the SAP S/4HANA Cloud demo tenant for the bootcamp participants.

EXERCISE STEP DETAILS

Explanation	Screenshot
<p>Log On SAP Data Intelligence Cloud with the given tenant URL and assigned user credential mentioned above.</p> <p>Go to the Home screen.</p>	

Explanation	Screenshot
Click on the Connection Management Tile.	
In the next screen, on the Connections Tab, click  to add a connection.	
<p>The Create Connection Screen opens. Provide the below information:</p> <p>-Connection Type: ABAP -Id: S4HC_<USERID> Please, assure to follow the naming convention for the connection id here, replace <USER_ID> with your assigned user id. -Protocol: WebSocket RFC -System Id: MHW -Client: 100 -User Id: Your User ID -Password: Your User Password</p>	
Click Test Connection and assure that the connection is valid.	
Click Create to create the connection.	

Explanation	Screenshot
<p>On the main page you see the connection just created, select it, click , and click Check the Status.</p>	
<p>Check the Status. It should popup an OK message.</p> <p>As a result, the connection of SAP S/4HANA Cloud demo tenant is ready in SAP Data Intelligence Cloud.</p>	