



PARTNER

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

DV150 Exercise02 – Connecting SAP HANA Cloud to SAP Data Intelligence Cloud

This document will guide you step by step on the process of connecting SAP HANA 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 HANA Cloud to SAP Data Intelligence Cloud.

This document is aimed for 'beginner' level.

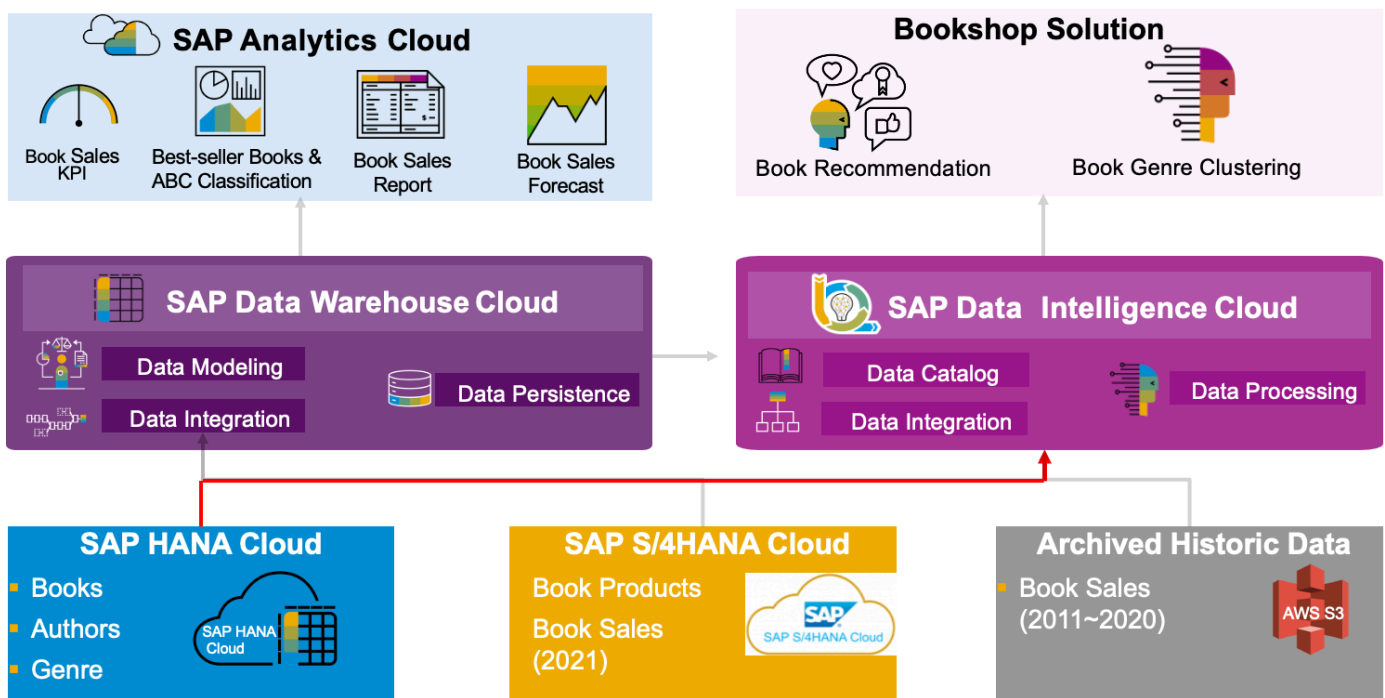
SCENARIO

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 SAP HANA Cloud where bookshop solution data reside to SAP Data Intelligence Cloud, which will be used for Book Genre Clustering exercise afterward.

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 Warehouse 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 steps](#)):

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

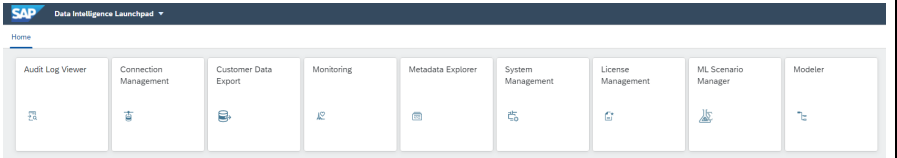
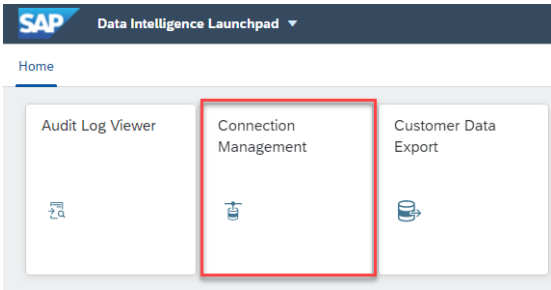
SAP HANA Cloud (connection details to be used to create a connection of SAP HANA Cloud in the [exercise steps](#) below, not for Application UI access):


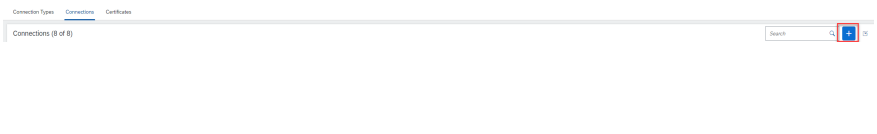
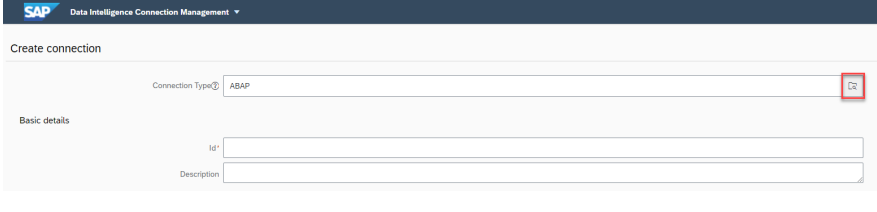
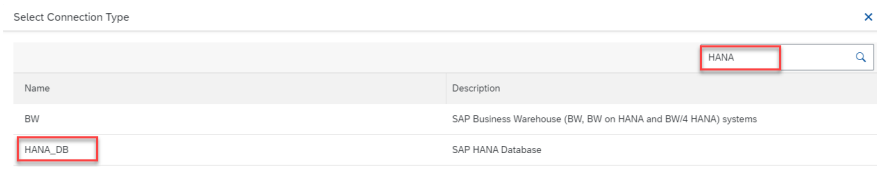
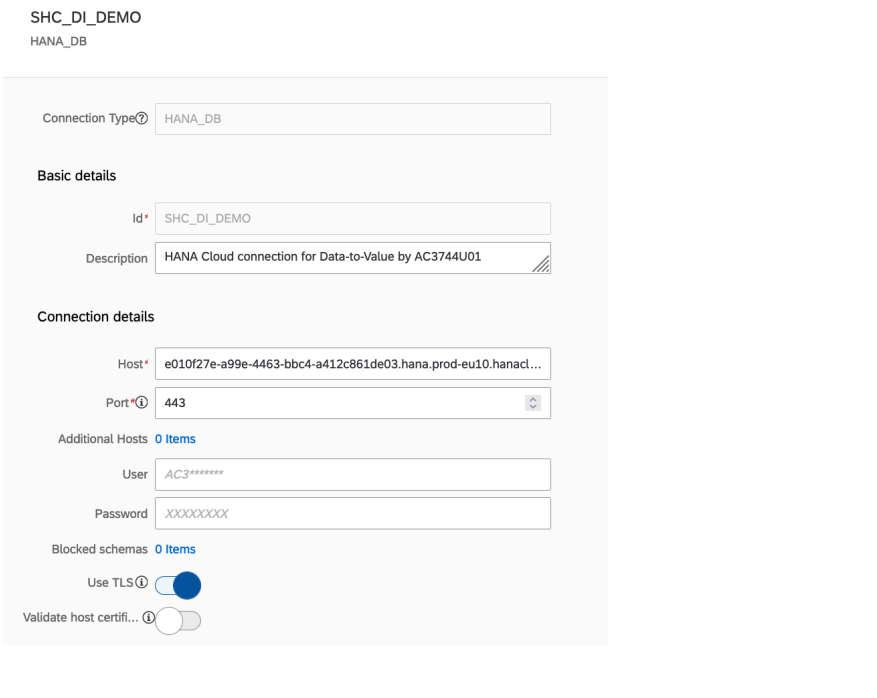
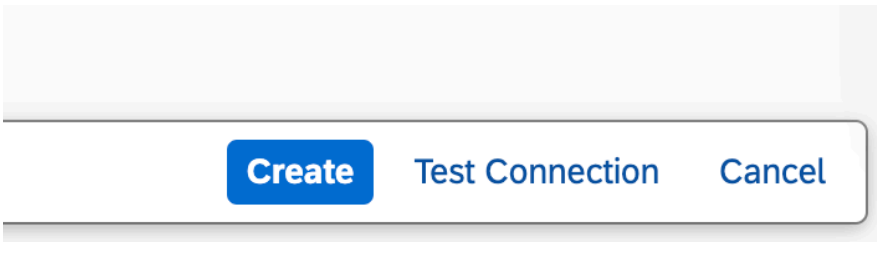

- Host (SQL Endpoint)
- Port
- Username: Your assigned User ID
- Password: Your assigned User Password


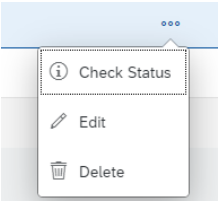
For the Bootcamp participants, please use the SAP Data Intelligence tenant and SAP HANA Cloud tenant provided by SAP with your assigned user id and password:

- 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 both SAP Data Intelligence Cloud and SAP HANA Cloud are communicated individually via email.
- The connection details (Host and Port) of SAP HANA Cloud demo tenant are available in the dedicated **Microsoft Teams > General (Channel) > System Access (Tab) > SAP HANA Cloud(section)**.

EXERCISE STEP DETAILS

Explanation	Screenshot
Log on SAP Data Intelligence Cloud with the given tenant URL and assigned user credential mentioned above. Go to the Home screen.	
Click on the Connection Management Tile.	

Explanation	Screenshot
In the next screen on the connection Tab Click  to add a connection.	
Select the Search option.	
Filter by HANA, and select HANA_DB as Connection Type.	
<p>In the next screen enter the required details:</p> <p>-ID: HANACLOUD_<USERID> Please, assure to follow the naming convention for the connection id here, replace <USER_ID> with your assigned user id.</p> <p>-Description: HANA Cloud connection for Data-to-Value by <USER_ID></p> <p>-Host: The host (SQL Endpoint) of HANA Cloud provided by SAP.</p> <p>-Port: 443</p> <p>-User: The use id assigned to you via email.</p> <p>-Password: Password communicated via email</p> <p>-Use TLS: enabled</p>	
Click Test Connection and assure the connection is valid.	
Click Create to create the connection.	

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