

**PARTNER** 

# DV305\_Exercise02: SAP Analytics Cloud Data Modeling and Wrangling

This document will guide you step by step on the process of creating a model about Book Sales by importing data from csv files and wrangling data in SAC, which will be used in Smart Sales Insight scenario of book sales.



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#### **DISCLAIMER**

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# **OBJECTIVE**

The objective of this exercise is to give you an overview of how acquire data with a data import as well as building a data model with the imported data.

# **SCENARIO**

As per SAP note <u>2832606</u>, SAP Data Warehouse Live Connection is not supported in Smart Features of SAP Analytics Cloud, such as Search-to-Insight, Smart Insight, Smart Discovery and Smart Predict etc. Therefore we will need a model by importing the all the book sales order data (<u>sales order items all exended.csv</u>) and then merge it with books data (<u>books.csv</u>) to complete our data wrangling and have a more completed dataset about book sales order to use later in Smart Sales Insight scenario.

#### **ENVIRONMENT ACCESS**

The environments we will use for the hand-on exercise will be:

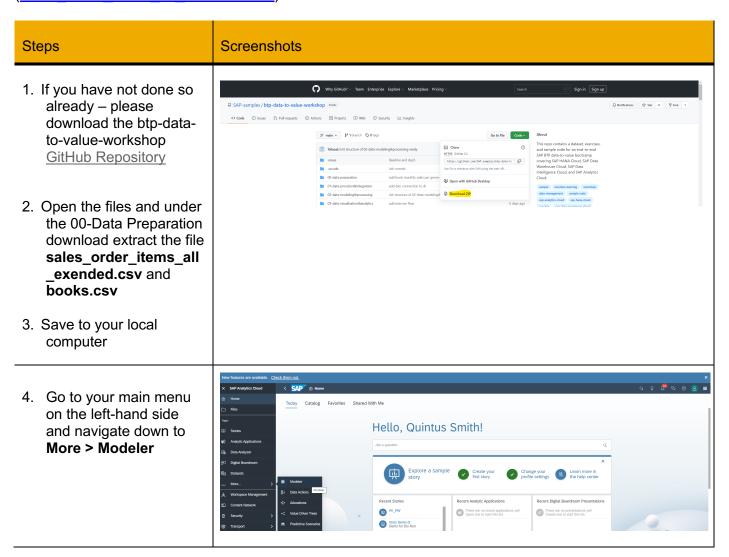
• SAP Analytics Cloud (SAC).

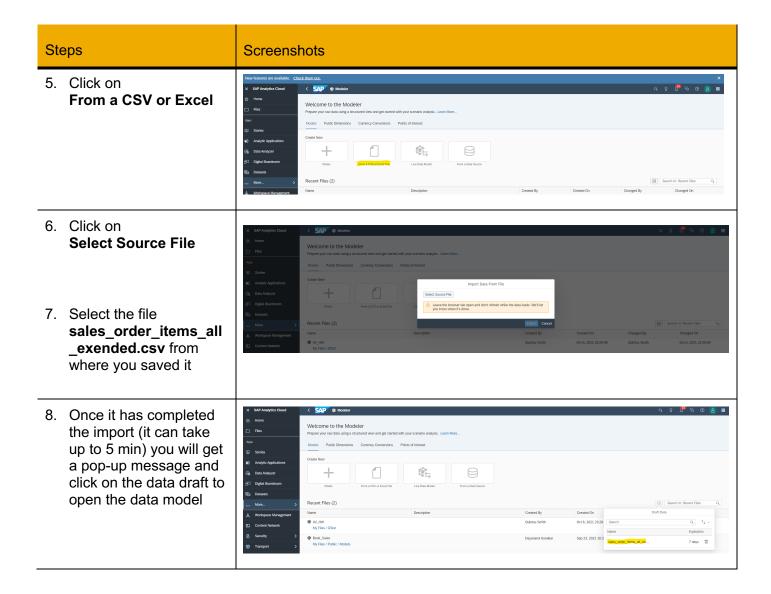
For the Bootcamp participants, please, use the SAC tenant provided by SAP with your assigned user id and password:

- The SAC tenant URL is available in the dedicated Microsoft Teams > General (Channel) > System Access:
- Your assigned user id and password are communicated individually via email.

# STEP 1 - IMPORT DATA TO MODELER

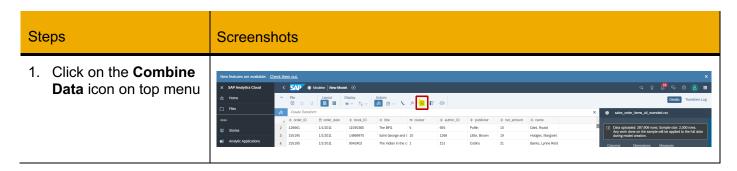
We will import the all the book sales order data through a csv file (sales order items all exended.csv) to the data modeler of SAC.

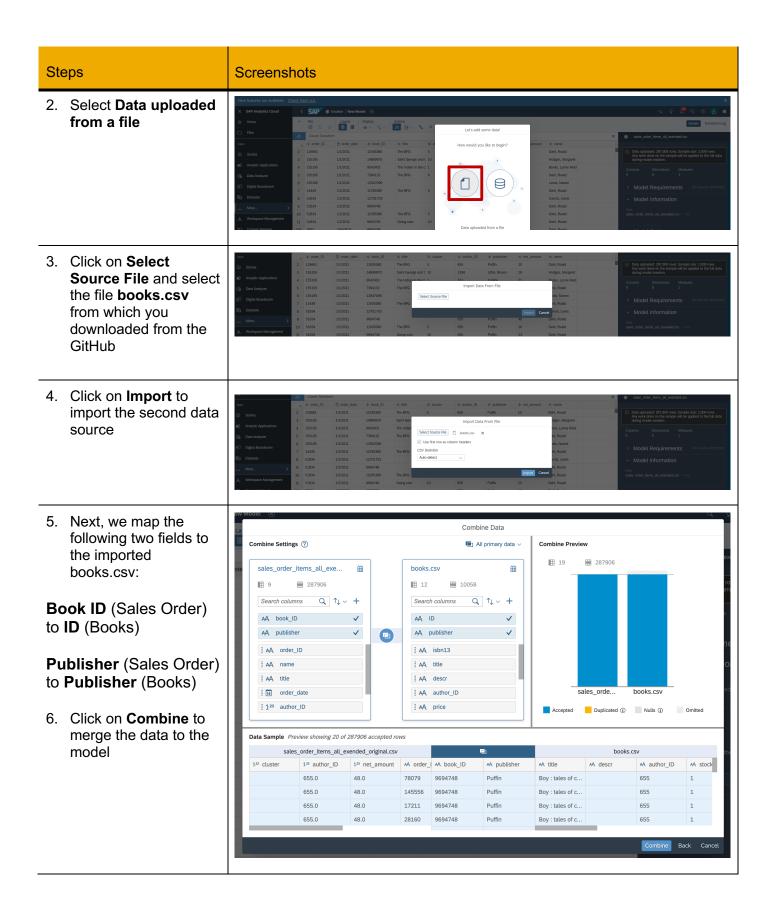




# STEP 2 – DATA MERGE

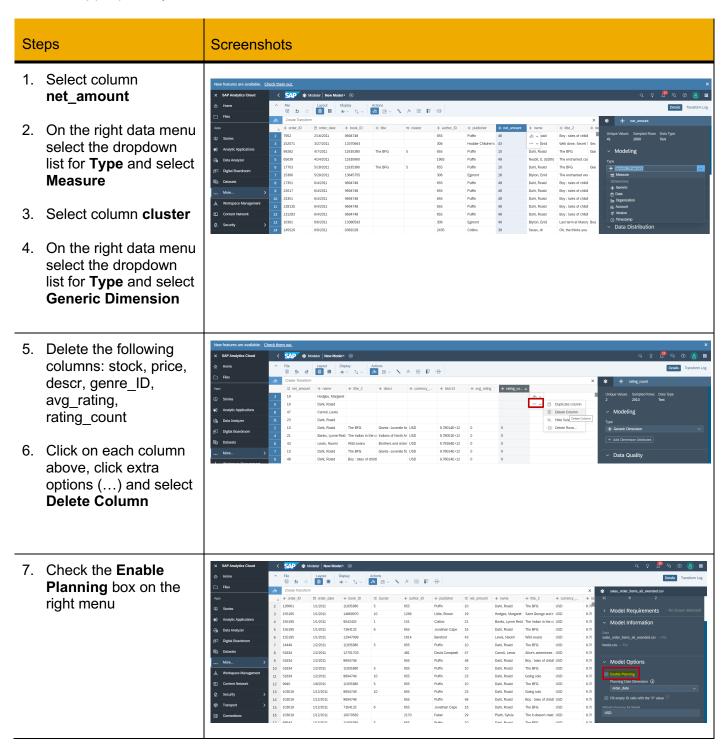
The csv file we imported is not quite complete with all the data we need in order to build our story. Next, we will add another data file to expand the data dimensions of our dataset so we can work from one single data set while we build our story.





#### STEP 3 - DATA WRANGLING

We now have a completed dataset and next we want to clean the data a bit and narrow and define the data appropriately for our intended use.



# Steps Screenshots

5. Click on Create Model to finish the new data model. Make sure to follow the naming conversion for the model name as Book Sales-<USERID>, which will be used in the following exercise.

