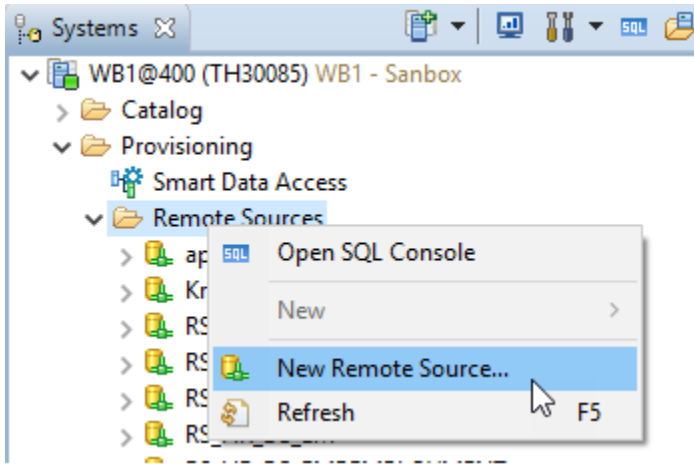


# How to Create Data Source with BigQuery

- Create Remote Source (Create by Adagio)
- Create Source system with Big Data (Create by Adagio we should not create a new source system anymore Use SDI instead)
- Create Data source

## Create Remote Source (Create by Adagio)

1. At HANA studio - HANA modeler perspective, go to provisioning > New Remote Source



2. Enter detailed information

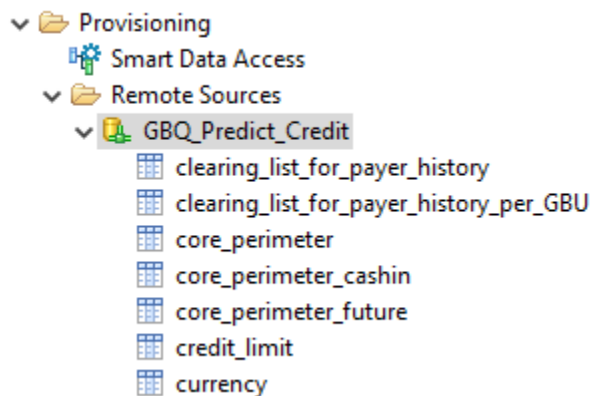
The name of remote source should starting with RS\_

| Source Name:       | Adapter Name: | Source Location:      |
|--------------------|---------------|-----------------------|
| GBQ_Predict_Credit | GBQAdapter    | agent (WDCMAAT32_WBD) |

| Property name                | Value                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Connection Parameters</b> |                                                                                                                    |
| Property File =>             | C:\BQAdapter_wbd\gbqadapter_wbd.properties                                                                         |
| Data Catalog =>              | predict-credit-mgt-v2-dev                                                                                          |
| Dataset ID =>                | working                                                                                                            |
| Help =>                      | Make sure to enter the Project and Authentication info in /usr/sap/dataprovgent/adapters/bqadapter.properties file |

3. After connected, available tables will display on the remote source

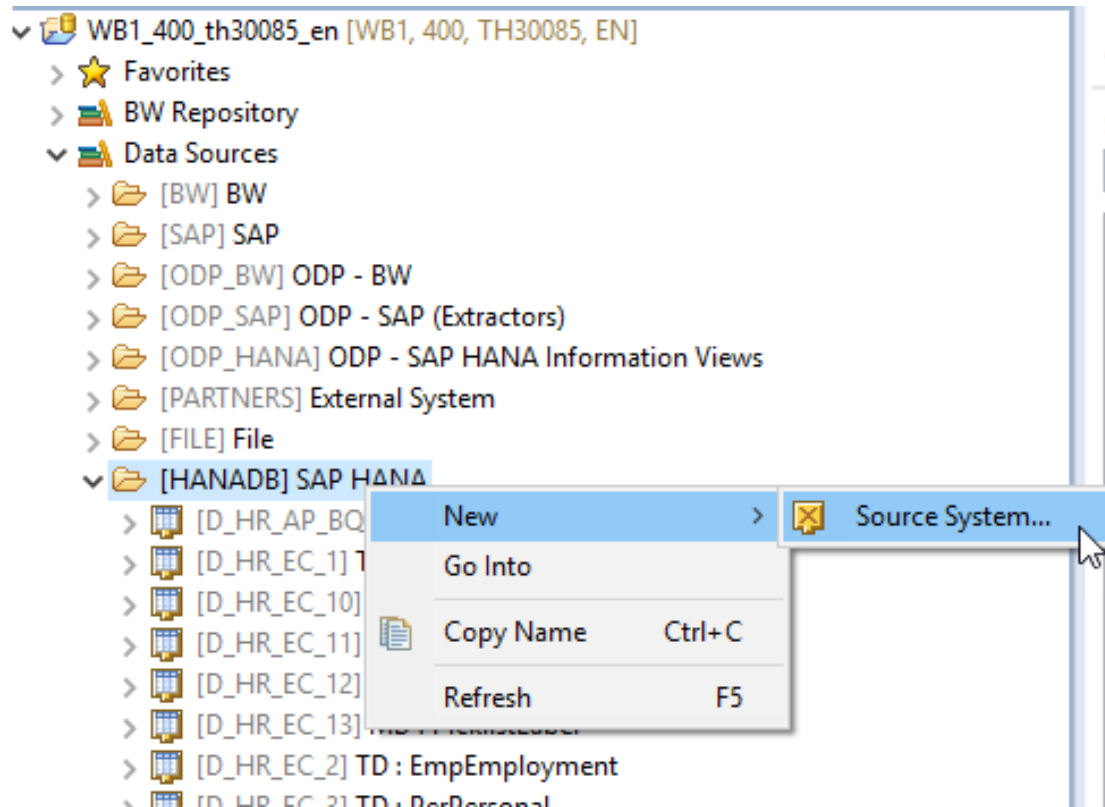


4. Then, run SQL command to grant privilege to authorization team and to development role otherwise, other developer will not possible to activate the datasource that linked to this remote source in each systems (development, quality, pre-production, production systems)

- GRANT CREATE VIRTUAL TABLE, CREATE REMOTE SUBSCRIPTION, PROCESS REMOTE SUBSCRIPTION EXCEPTION, ALTER ON REMOTE SOURCE "Name of Remote source" TO SDI\_ADMIN WITH GRANT OPTION;
- GRANT CREATE VIRTUAL TABLE, CREATE REMOTE SUBSCRIPTION, PROCESS REMOTE SUBSCRIPTION EXCEPTION, ALTER ON REMOTE SOURCE "Name of Remote source" TO ZSLV\_SDI\_DEVELOPER;

## Create Source system with Big Data (Create by Adagio we should not create a new source system anymore [Use SDI instead](#))

1. Need to create remote source first if it is not existing
2. Go to BW model perspective - Data Sources, right click and New Source System



3. It will go to SAP GUI, enter information name regarding to naming convention

A screenshot of the 'Create Source System' dialog box in SAP. The dialog has a blue title bar with the text 'Create Source System' and a close button. It contains three input fields: 'Logical System Name' with the value 'D\_FI\_BQ\_01', 'Source System Name' with the value 'PCM : Core\_perimeter\_future test', and 'Source System Type and Release' with empty fields and a copy icon. At the bottom right, there are two buttons: a green checkmark button and a red 'X' button.

4. Selection connection type "SAP HANA Smart Data Access", then enter the remote sources

**SAP HANA Connection Parameters**

|                 |                            |
|-----------------|----------------------------|
| Source system   | D_FI_BQ_01                 |
| Connection Type | SAP HANA Smart Data Access |
| Remote Source   | GBQ_Predict_Credit         |
| Path Prefix     |                            |



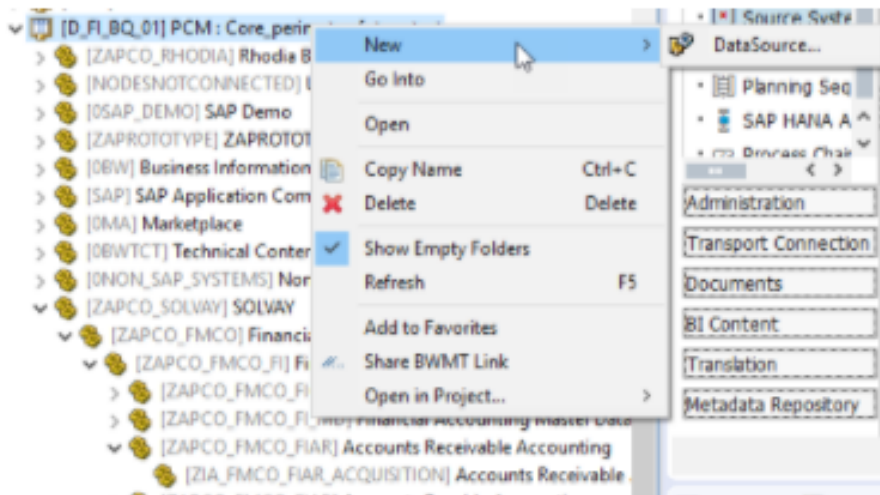


5. After execute

✓ Source system D\_FI\_BQ\_01 creation successfully finished

## Create Data source

1. Right click on the infoarea and choose New



2. Select source system and package in case need to install

**New DataSource**

**DataSource**

BW Project:\* WBD\_110\_th30085\_en\_1 Browse...

Package:\* STMP Browse...

Source System:\* D\_FL\_BQ\_01 Browse...

Source System Description: PCM : Core\_perimeter\_future test

Source System Type: HANA

? < Back **Next >** Finish Cancel

3. Select "Proposal from SAP HANA Table or View"

**New DataSource**

**Select Template or Source object**

Source System: D\_FL\_BQ\_01

Source System Type: HANA

☐ None  
☐ Copy from DataSource (Same Source System Only)  
☐ Proposal from Operational Data Provider  
☒ **Proposal from SAP HANA Table or View**  
☐ Proposal from SAP HANA Native DataStore Object  
☐ DataSource as Template  
☐ InfoSource as Template  
☐ InfoProvider as Template

? < Back **Next >** Finish Cancel

4. Search on the table of the datasource

**New DataSource**

**Select SAP HANA Table or View**

Source System: D\_FI\_BQ\_01  
Source System Type: HANA

Select an item to open (? = any character, \* = any string):

Core\_perimeter\_futur

Matching items:

[core\_perimeter\_future]

Search completed with 1 results.

< Back Next > Finish Cancel

5. Identify the location of the application component and name the data source ID and text.

Also the type (Transactional data / Master)

**New DataSource**

**Confirmation Page**

Specify application component

BW Project: WRD\_110\_1H00005\_en\_1  
Source System: D\_FI\_BQ\_01  
Source System Type: HANA  
Table or View: core\_perimeter\_future

Application Component\*:  Browse...

☐ Add to Favorites

Name\*:

Description:

DataSource Type\*: Transactional Data

< Back Next > Finish Cancel