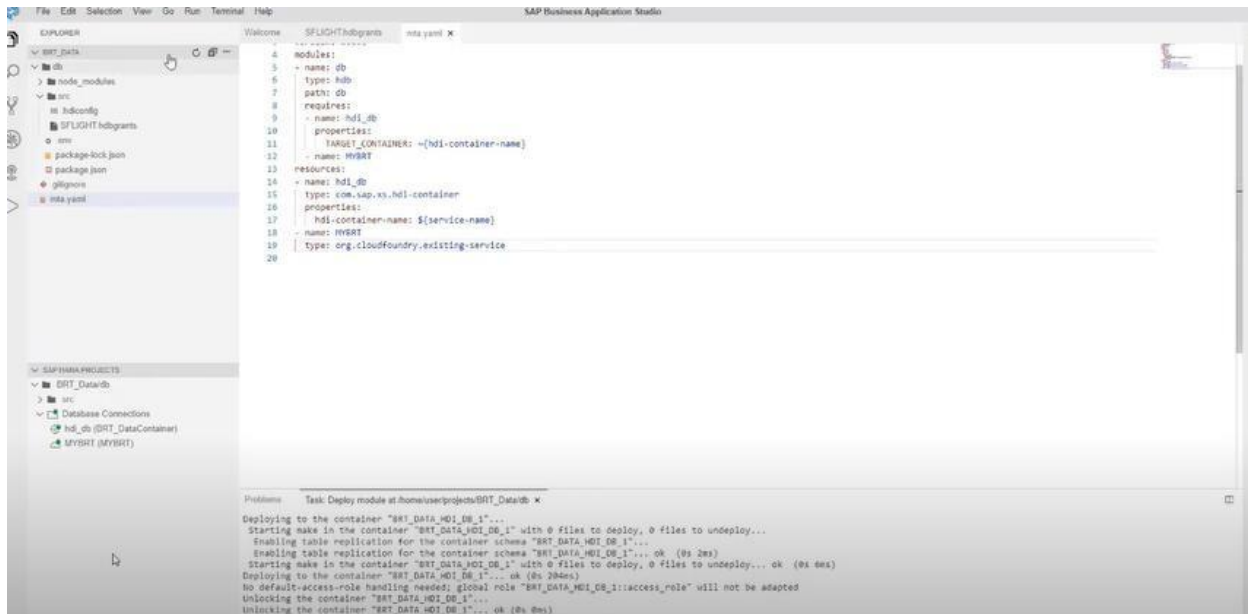


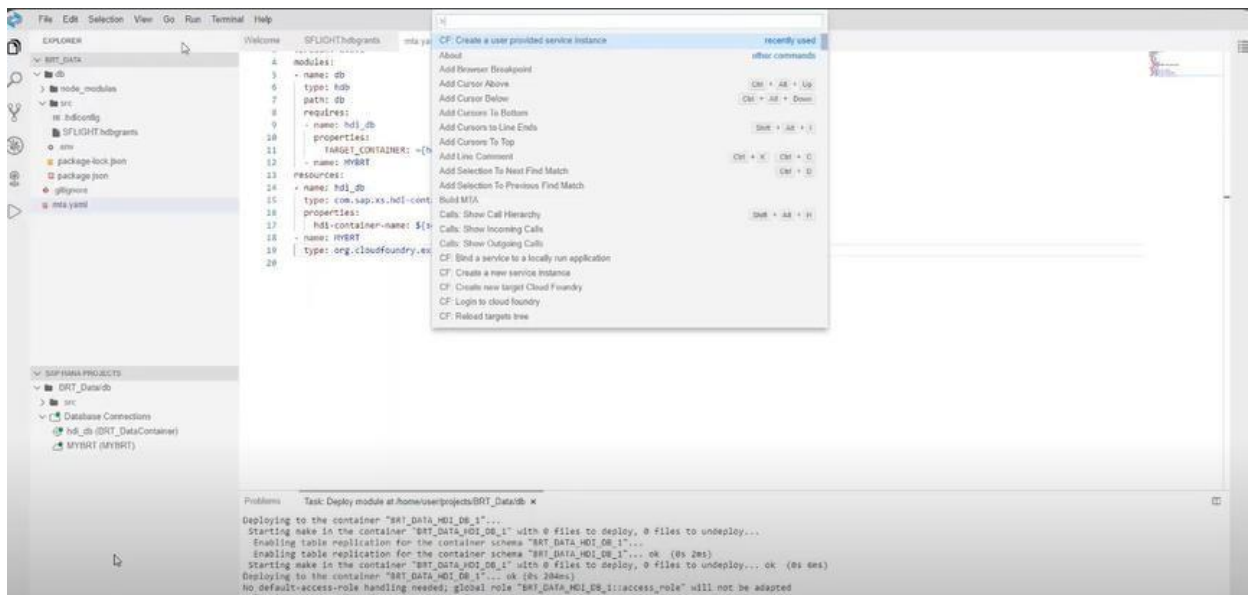
Nama : Afrylian Fauzan Siregra
NIM : 201402001
KOM : A 2020

LATIHAN VIDEO 7 Create a Calculation View

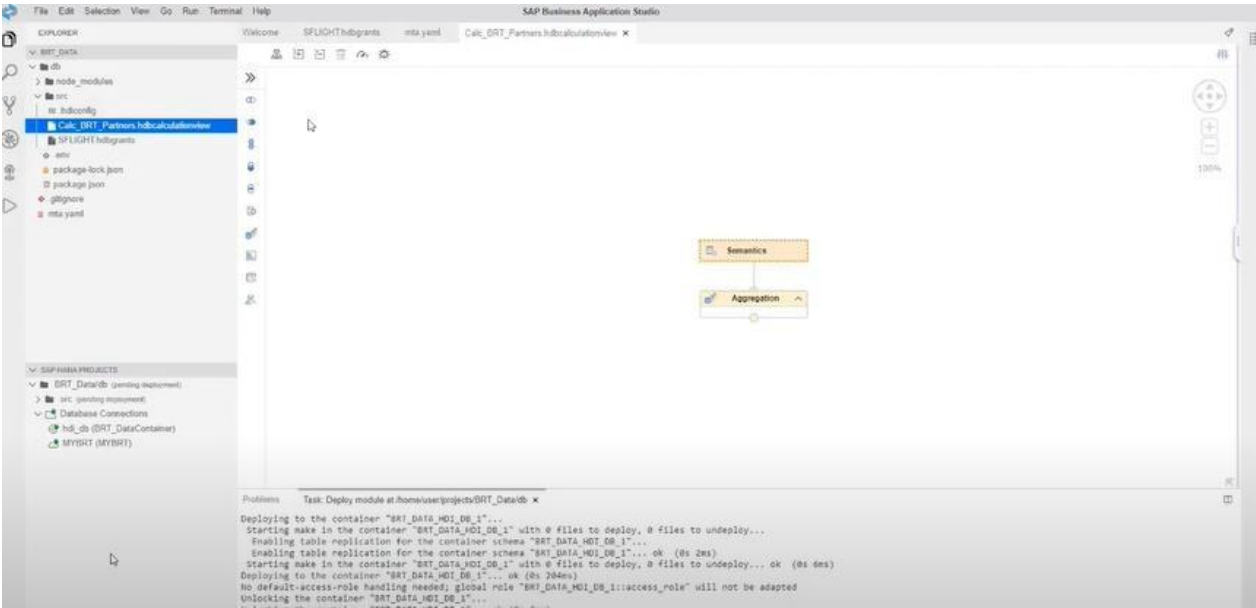
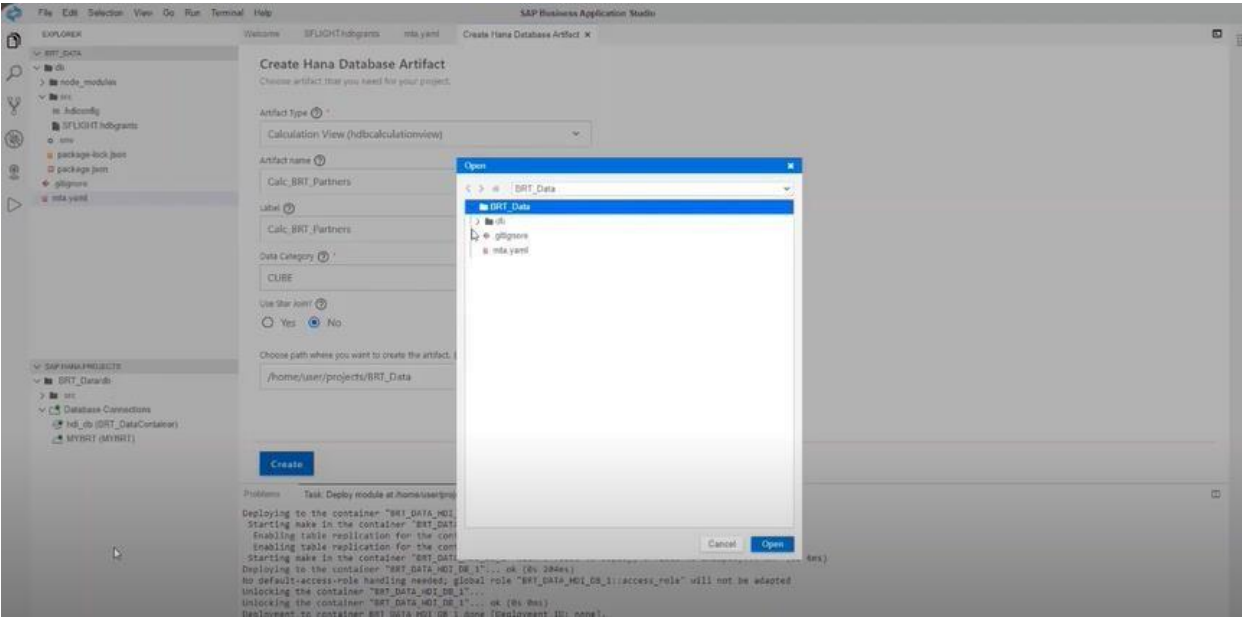
Masuk ke SAP Business App Studio



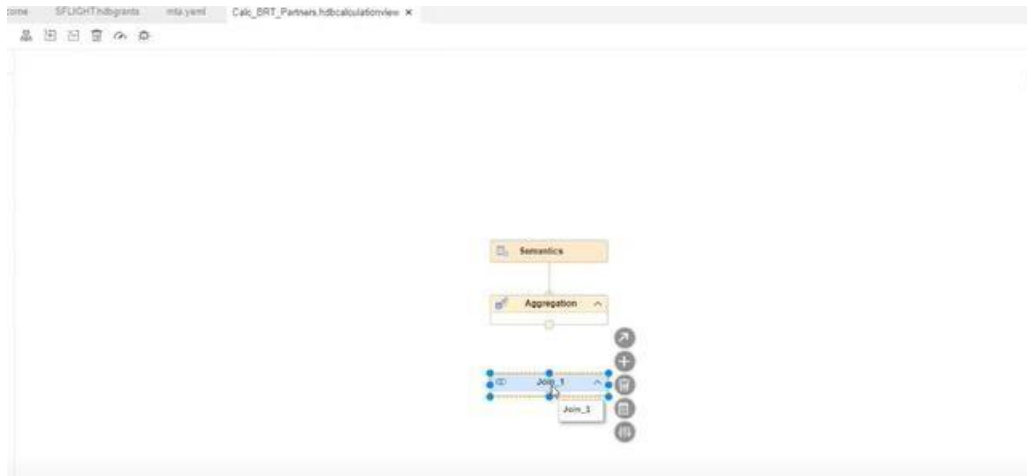
Kemudian lakukan perintah Find Command, cari SAP HANA.Create HANA Database Artifact



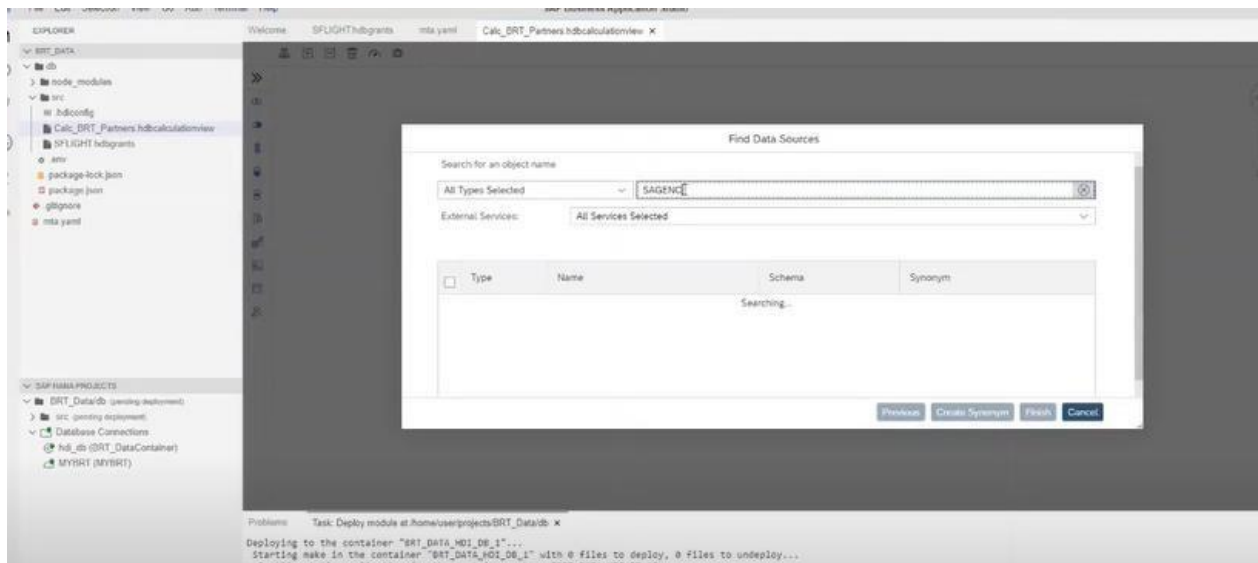
Lakukan seperti dibawah, lalu create



Buat join table



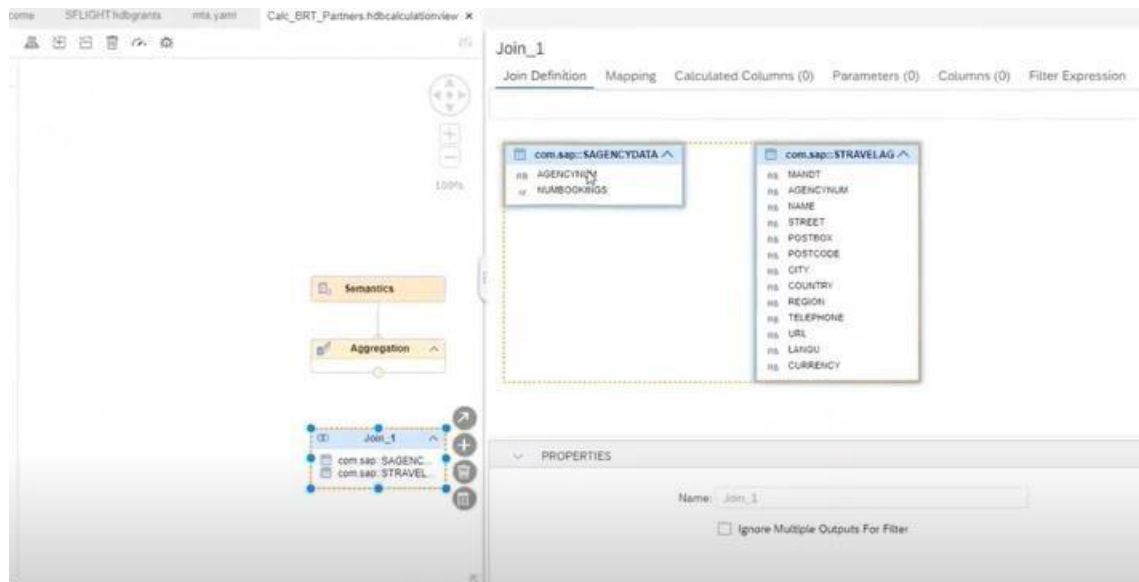
Klik icon plus(+), muncul seperti dibawah



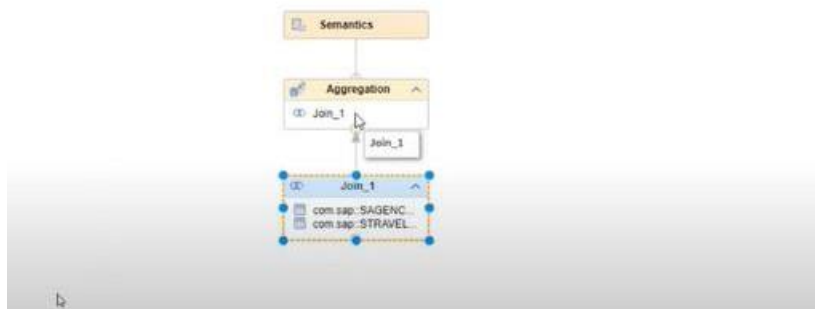
Cari AGENCY, lalu Create Synonym, lakukan hal yang sama seperti STRAVEL untuk di join



Klik table join, lalu join definition, edit juga mappingnya



Setelah selesai join table dibawah dengan table diatas



The screenshot shows the SAP Business Application Studio interface. On the left, the Explorer pane displays the project structure for 'BRT_DATA'. The central workspace shows a data flow diagram with nodes: 'Semantics', 'Aggregation', 'Rank_1', 'Join_1', and 'Join_2'. The 'Rank_1' node is selected, and its configuration window is open, showing the 'Columns' tab. This tab lists three columns: 'AGENCYNUM' (Data Type: NVARCHAR(8)), 'NUMBOOKINGS' (Data Type: BIGINT), and 'NAME' (Data Type: NVARCHAR(25)). The 'Problems' pane at the bottom shows deployment logs.

Notes	Type	Name	Mapping	Data Type	Keep Flag
		AGENCYNUM	Join_1.AGENCYNUM	NVARCHAR(8)	<input type="checkbox"/>
		NUMBOOKINGS	Join_1.NUMBOOKINGS	BIGINT	<input type="checkbox"/>
		NAME	Join_1.NAME	NVARCHAR(25)	<input type="checkbox"/>

Lalu edit rank, seperti dibawah ini

This screenshot shows the same SAP Business Application Studio interface, but the 'Rank_1' configuration window is now on the 'General' tab. The 'Aggregation Function' is set to 'Rank'. The 'Result Set Direction' is 'Top' and the 'Result Set Type' is 'Absolute'. The 'Target Value' is set to 'Fixed' with a value of '5'. The 'Partition Column' is 'NUMBOOKINGS' and the 'Sort Column' is 'NUMBOOKINGS' with a 'Sort Direction' of 'Descending'. The 'Problems' pane at the bottom shows deployment logs.

Rank_1

Mapping Definition Parameters (0) Columns (3) Filter Expression

General

*Aggregation Function: Rank

*Result Set Direction: Top

*Result Set Type: Absolute

Target Value: Fixed 5

Other: Fixed

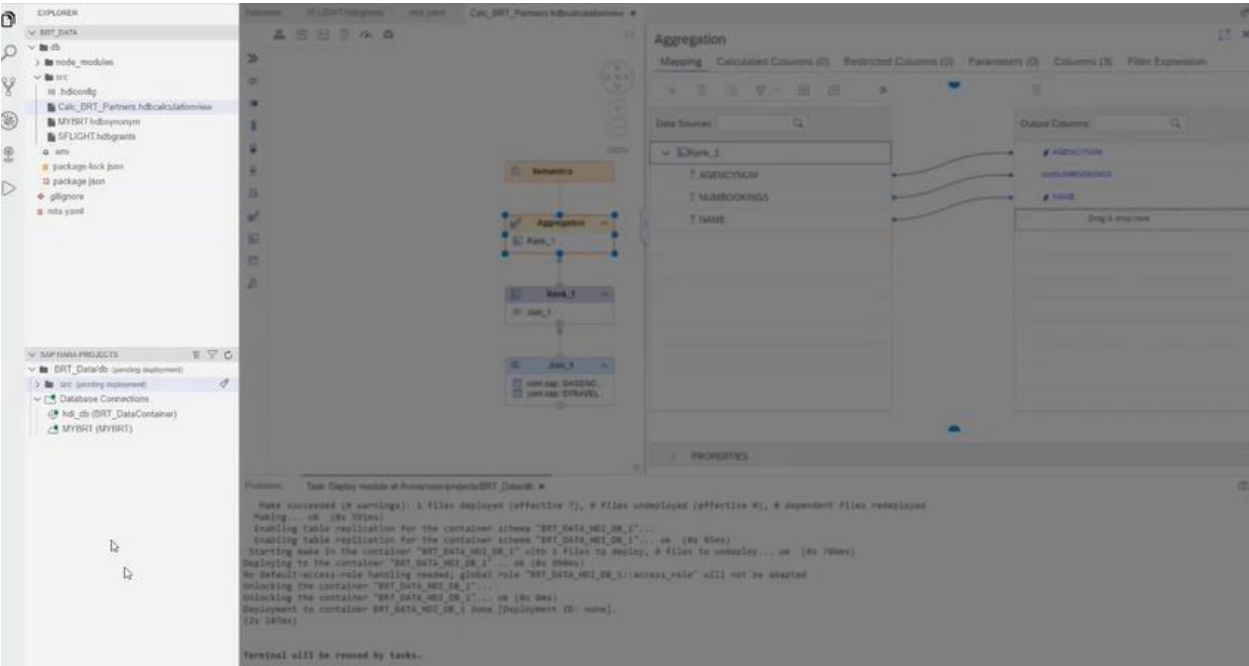
☐ Generate Rank Column

> Partition Column

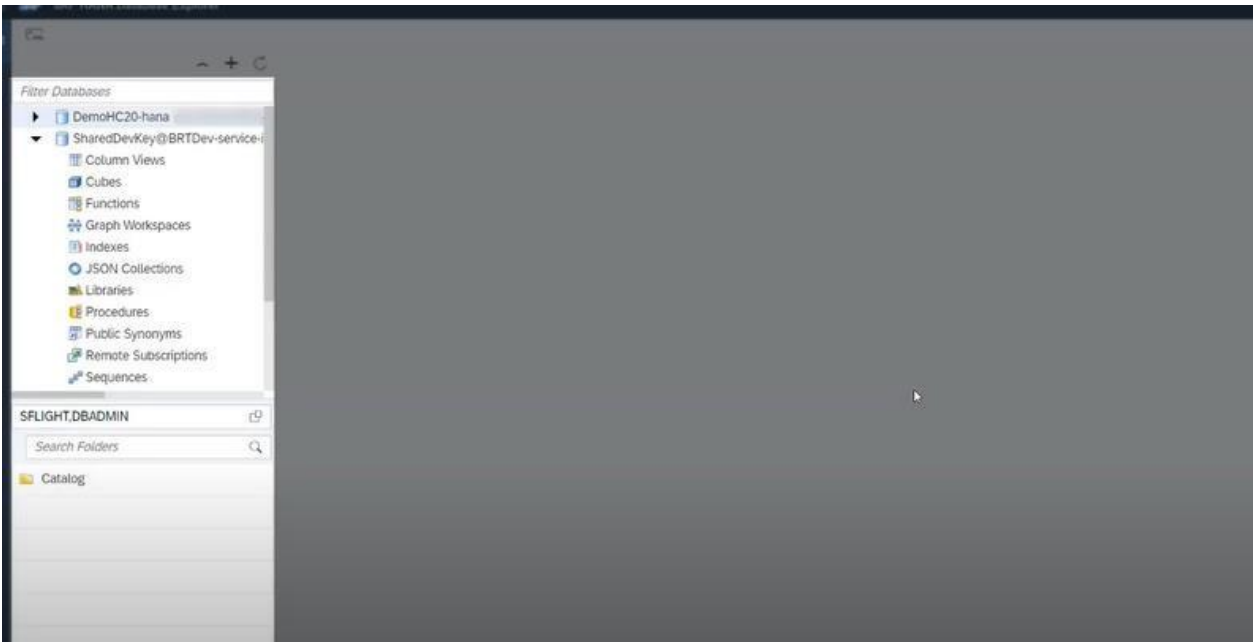
< Sort Column

Columns	Sort Direction
NUMBOOKINGS	Descending

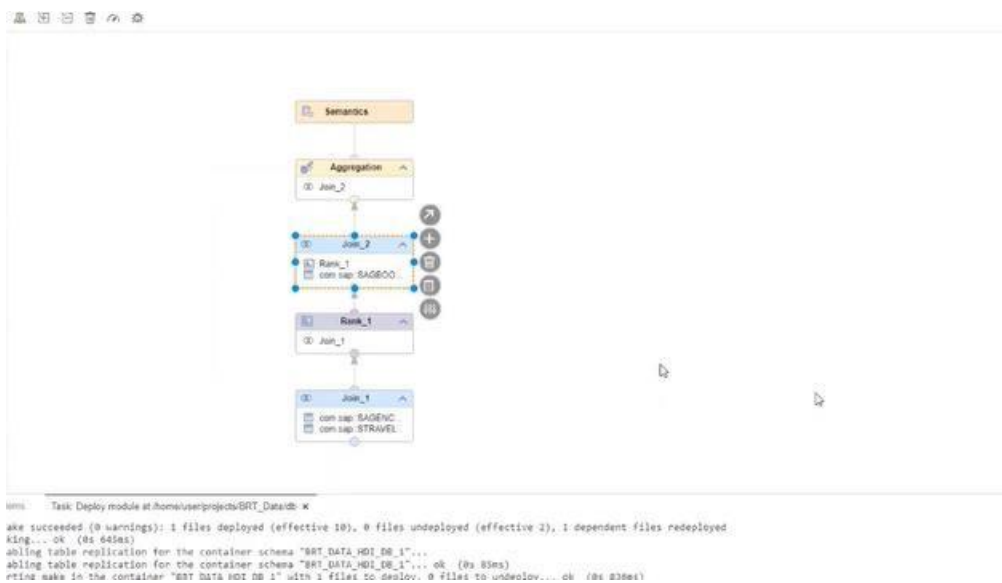
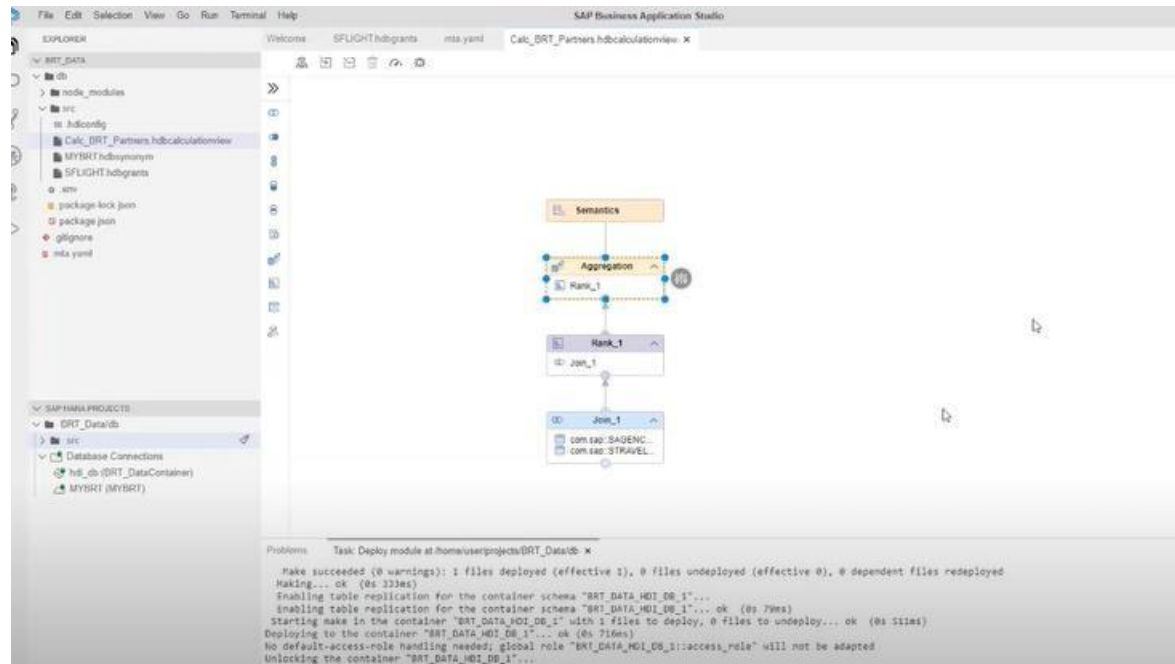
Lihat aggregation, lalu deploy



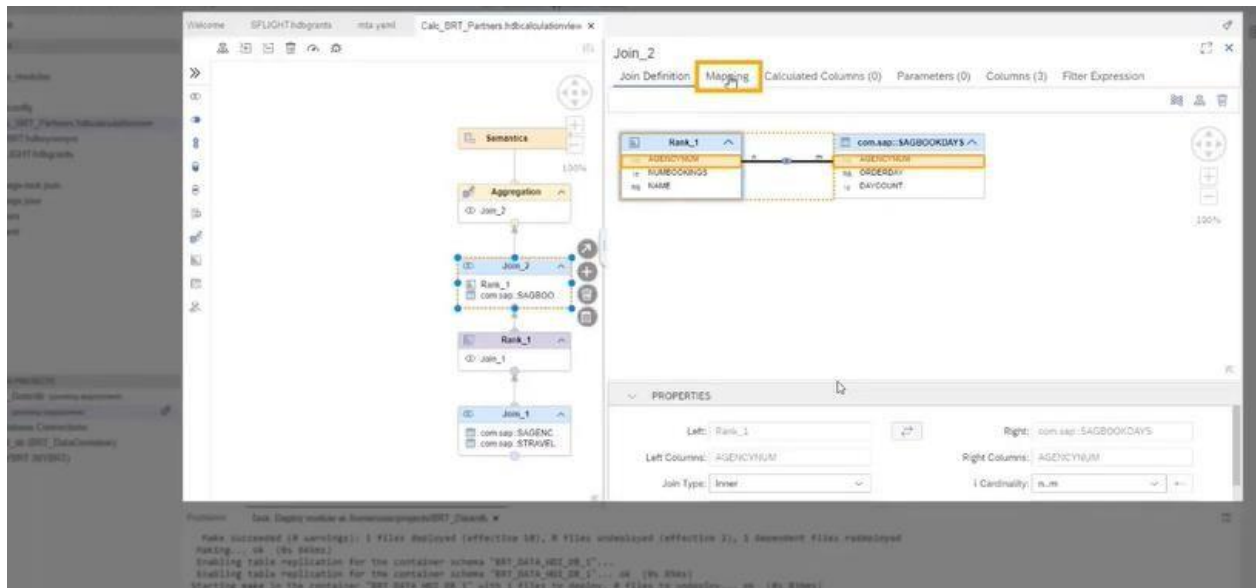
Masuk ke SAP Hana Database, bisa dilihat ada table SharedDev, hasil perhitungan tadi



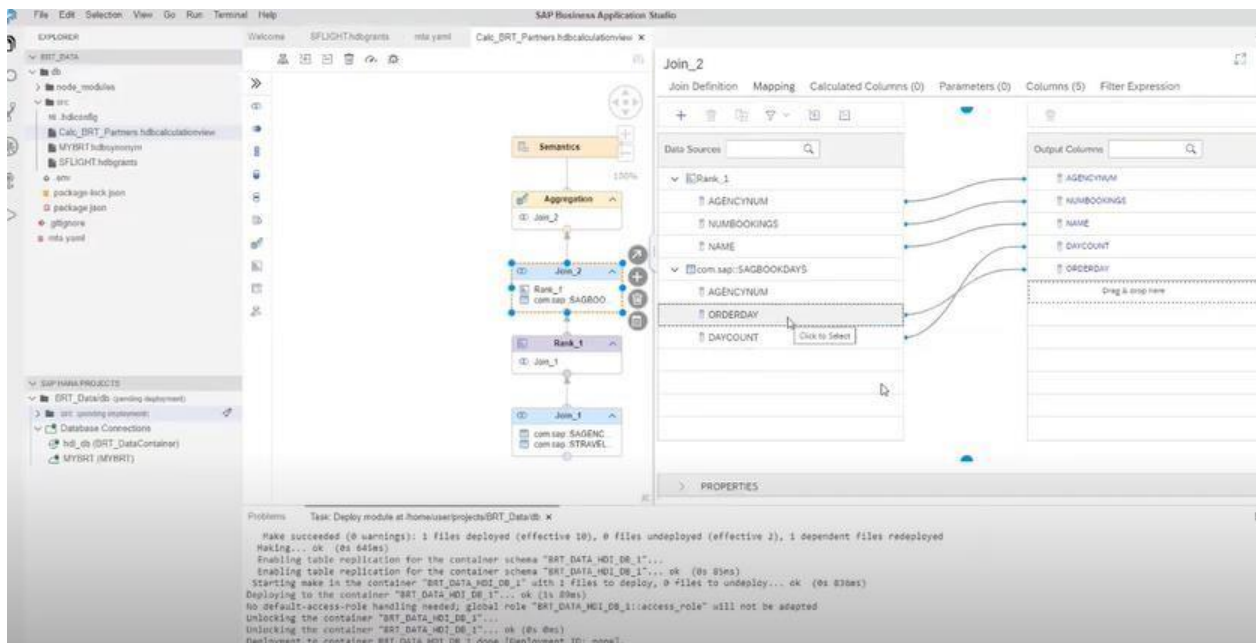
Balik ke SAP Business App, buat join untuk SAGBOOKDAYS



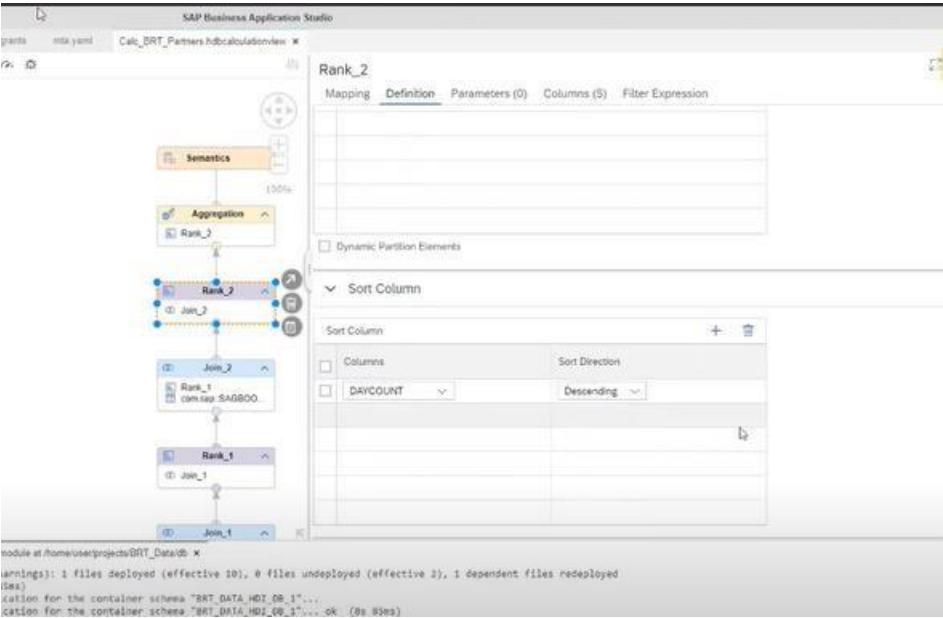
Edit Joinnya



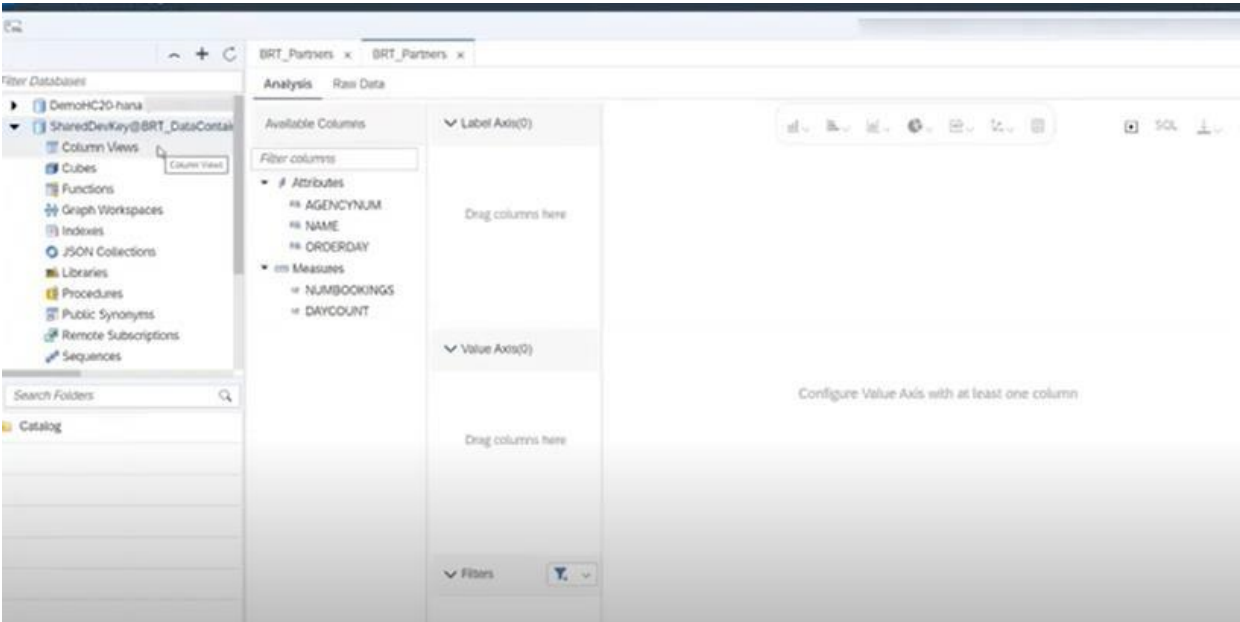
Lihat mappingnya, sudah benar atau belum



Edit ranknya



Lalu deploy kalkulasinya, lalu cek kalkulasinya di SAP Database



BRT_Partners x BRT_Partners x						
Analysis Raw Data						
Rows (5)		Search				
	AGENCYNUM	NAME	ORDERDAY	NUMBOOKINGS	DAYCOUNT	
1	00000284	Rainy, Stormy, Cloudy	MONDAY	27870	4108	
2	00000101	Bella Italia	THURSDAY	27866	4038	
3	00000122	Fly Low	THURSDAY	27869	4037	
4	00000109	Kangeroos	THURSDAY	27867	4095	
5	00000118	Asia By Plane	TUESDAY	27416	4004	

