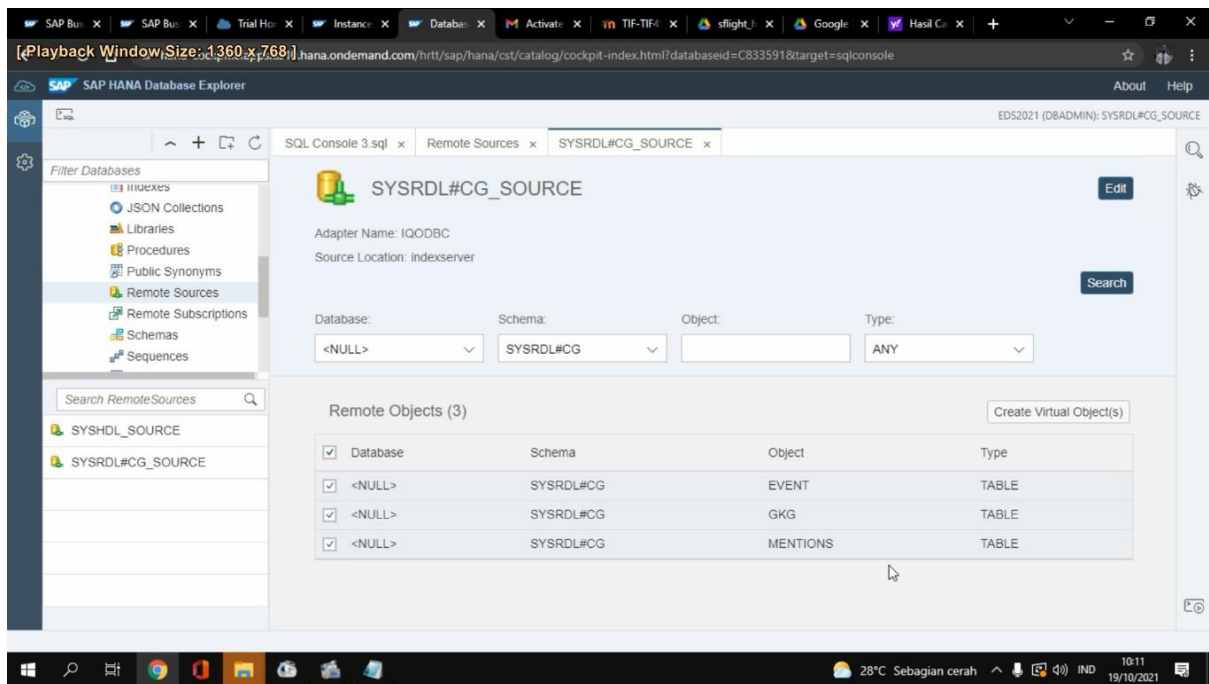
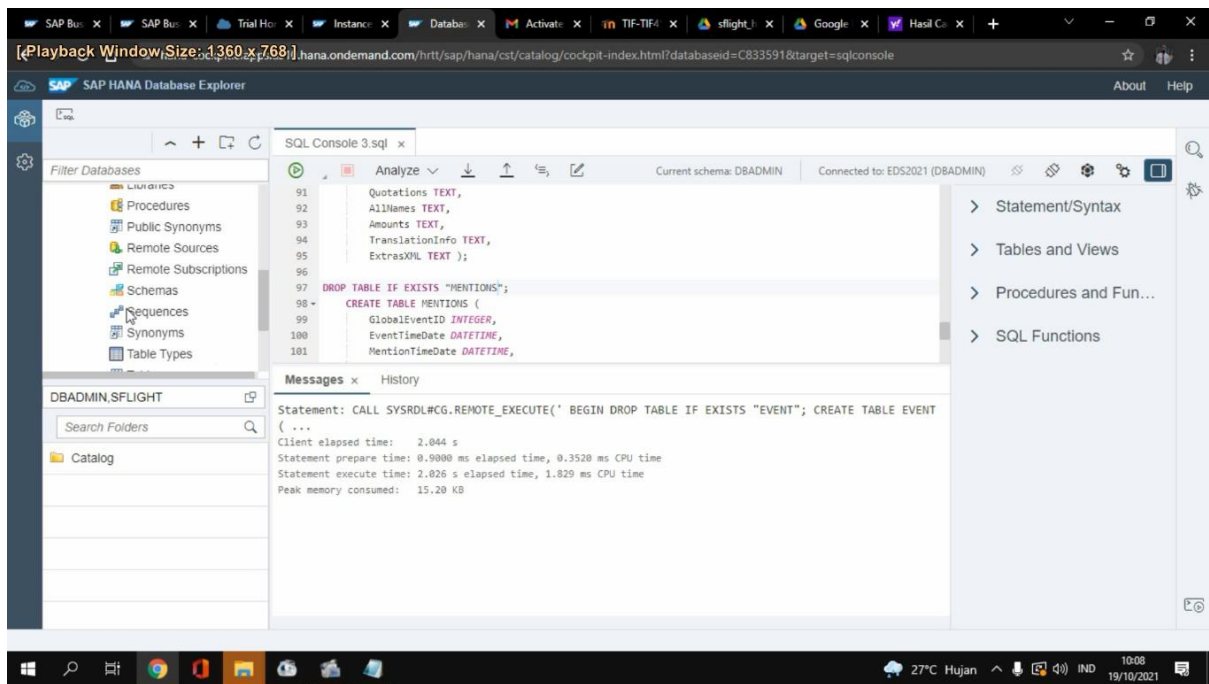


Nama : Yoel Hezron Paulitua Simarmata
NIM : 181402079

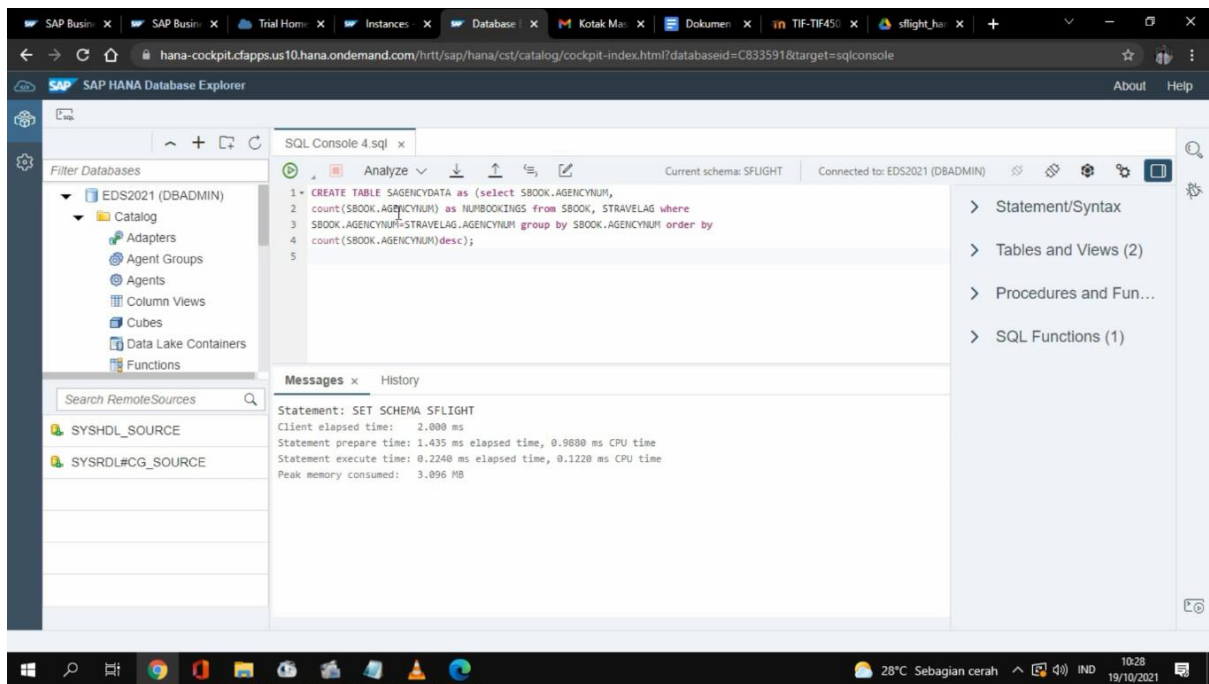
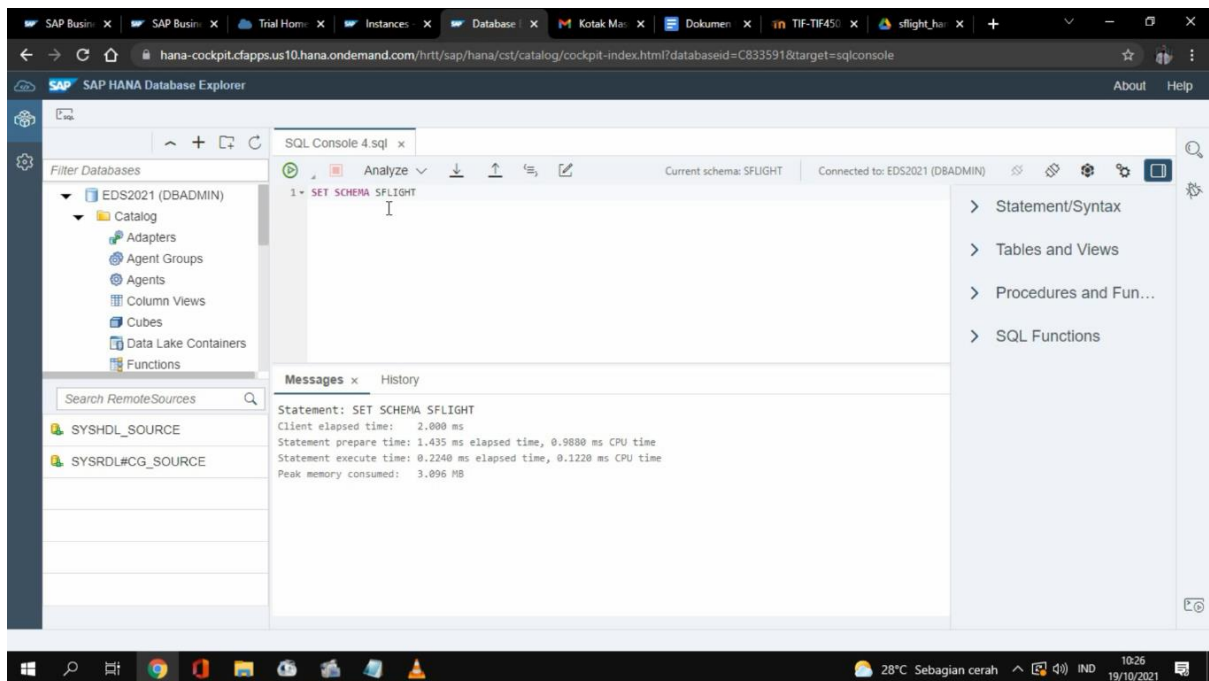
UJIAN TENGAH SEMESTER ENTERPRISE DEVELOPMENT SYSTEM

MODUL 4 Connecting to and Creating Data on the SAP HANA Cloud Data Lake



Pada tahap ini saya berhasil menyelesaikannya....

MODUL 5 Query Data on SAP HANA Cloud



SAP Business Explorer - SAP HANA Database Explorer

Filter Databases

- EDS2021 (DBADMIN)
 - Catalog
 - Adapters
 - Agent Groups
 - Agents
 - Column Views
 - Cubes
 - Data Lake Containers

Search Remote Sources

- SYSHDL_SOURCE
- SYSRDL#CG_SOURCE

SQL Console 4.sql

```
1 SELECT TOP 5 SAGENCYDATA.AGENCYNUM,  
2 STRAVELAG.NAME,SAGENCYDATA.NUMBOOKINGS from SAGENCYDATA INNER JOIN  
3 STRAVELAG on SAGENCYDATA.AGENCYNUM = STRAVELAG.AGENCYNUM;  
4
```

Result

	AGENCYNUM	NUMBOOKINGS
1	00000284	27870
2	00000122	27869
3	00000109	27867
4	00000101	27866
5	00000118	27416
6	00000087	25936
7	nnnnnnn1	25995

Messages

History

Statement/Syntax

Tables and Views (2)

Procedures and Fun...

SQL Functions

SQL Console 4.sql

Show all

28°C Sebagian cerah 10:30 19/10/2021

SAP Business Explorer - SAP HANA Database Explorer

Filter Databases

- EDS2021 (DBADMIN)
 - Catalog
 - Adapters
 - Agent Groups
 - Agents
 - Column Views
 - Cubes
 - Data Lake Containers

Search Remote Sources

- SYSHDL_SOURCE
- SYSRDL#CG_SOURCE

SQL Console 4.sql

```
1 CREATE TABLE STOPAGENCY as (select top 5 SAGENCYDATA.AGENCYNUM,  
2 STRAVELAG.NAME,SAGENCYDATA.NUMBOOKINGS from SAGENCYDATA INNER JOIN  
3 STRAVELAG on SAGENCYDATA.AGENCYNUM = STRAVELAG.AGENCYNUM);
```

Messages

History

Statement: CREATE TABLE STOPAGENCY as (select top 5 SAGENCYDATA.AGENCYNUM, ...
Client elapsed time: 30.00 ms
Statement prepare time: 3.790 ms elapsed time, 3.227 ms CPU time
Statement execute time: 28.95 ms elapsed time, 26.51 ms CPU time
Peak memory consumed: 6.283 MB

Statement/Syntax

Tables and Views (3)

Procedures and Fun...

SQL Functions

SQL Console 4.sql

Show all

28°C Sebagian cerah 10:32 19/10/2021

SAP Business Explorer - SAP HANA Database Explorer

Filter Databases: EDS2021 (DBADMIN) > Catalog > Adapters > Agent Groups > Agents > Column Views > Cubes > Data Lake Containers

Search Remote Sources: SYSHDL_SOURCE, SYSRDL#CG_SOURCE

SQL Console 4.sql x

Current schema: SFLIGHT Connected to: EDS2021 (DBADMIN)

1 - SELECT * FROM STOPAGENCY

Result x Messages x History

AGENCYNUM	NAME	NUMBOOKINGS
00000284	Rainy, Stormy, Cloudy	27870
00000122	Fly Low	27869
00000109	Kangeroos	27867
00000101	Bella Italia	27866
00000118	Asia By Plane	27416

Statement/Syntax
Tables and Views (1)
Procedures and Fun...
SQL Functions

SQL Console 4.sql

28°C Sebagian cerah 10:32 19/10/2021

SAP Business Explorer - SAP HANA Database Explorer

Filter Databases: EDS2021 (DBADMIN) > Catalog > Adapters > Agent Groups > Agents > Column Views > Cubes > Data Lake Containers

Search Remote Sources: SYSHDL_SOURCE, SYSRDL#CG_SOURCE

SQL Console 4.sql x

Current schema: SFLIGHT Connected to: EDS2021 (DBADMIN)

1 - CREATE TABLE SAGBOOKDAYS as (select AGENCYNUM, dayname(ORDER_DATE) as ORDERDAY, ...
2 ORDERDAY, count(dayname(ORDER_DATE)) as DAYCOUNT from SBOOK group by
3 AGENCYNUM, dayname(ORDER_DATE));

Messages x History

Statement: CREATE TABLE SAGBOOKDAYS as (select AGENCYNUM, dayname(ORDER_DATE) as ORDERDAY, ...
Client elapsed time: 275.0 ms
Statement prepare time: 3.912 ms elapsed time, 3.446 ms CPU time
Statement execute time: 273.0 ms elapsed time, 2.163 s CPU time
Peak memory consumed: 21.66 MB

Statement/Syntax
Tables and Views (1)
Procedures and Fun...
SQL Functions (2)

SQL Console 4.sql

28°C Sebagian cerah 10:33 19/10/2021

SAP Business Explorer interface showing the SAP HANA Database Explorer. The browser address bar displays a URL with a timestamp: [Forward 10sec.../Keyframe/00:03:32(94.6%)]. The interface includes a sidebar for Filter Databases, a central SQL Console window, and a bottom status bar.

Filter Databases:

- EDS2021 (DBADMIN)
 - Catalog
 - Adapters
 - Agent Groups
 - Agents
 - Column Views
 - Cubes
 - Data Lake Containers

Search Remote Sources:

- SYSHDL_SOURCE
- SYSRDL#CG_SOURCE

SQL Console 4.sql:

```
1 - SELECT SAGBOOKDAYS.AGENCYNUM, STOPAGENCY.NAME, SAGBOOKDAYS.ORDERDAY,  
2 SAGBOOKDAYS.DAYCOUNT FROM SAGBOOKDAYS INNER JOIN STOPAGENCY ON  
3 SAGBOOKDAYS.AGENCYNUM=STOPAGENCY.AGENCYNUM where SAGBOOKDAYS.DAYCOUNT in  
4 (select max(DAYCOUNT) from SAGBOOKDAYS group by AGENCYNUM)
```

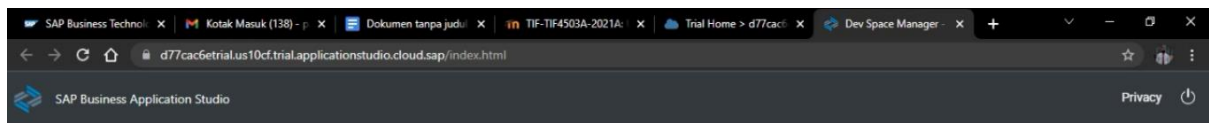
Result (350):

	AGENCYNUM	ORDERDAY	DAYCOUNT
1	00000152	THURSDAY	2734
2	00000222	SUNDAY	2849
3	00000101	SATURDAY	4001
4	00000323	TUESDAY	3414
5	00000320	FRIDAY	3550
6	00000102	FRIDAY	3368

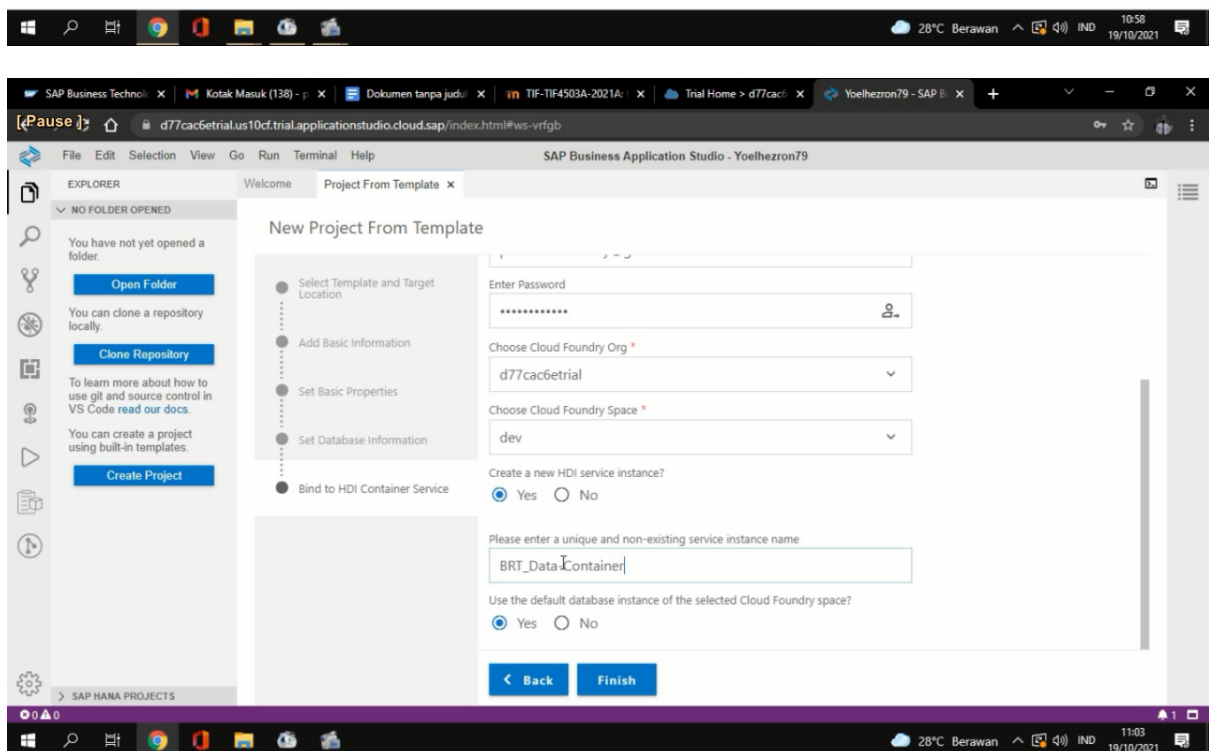
Bottom Status Bar:

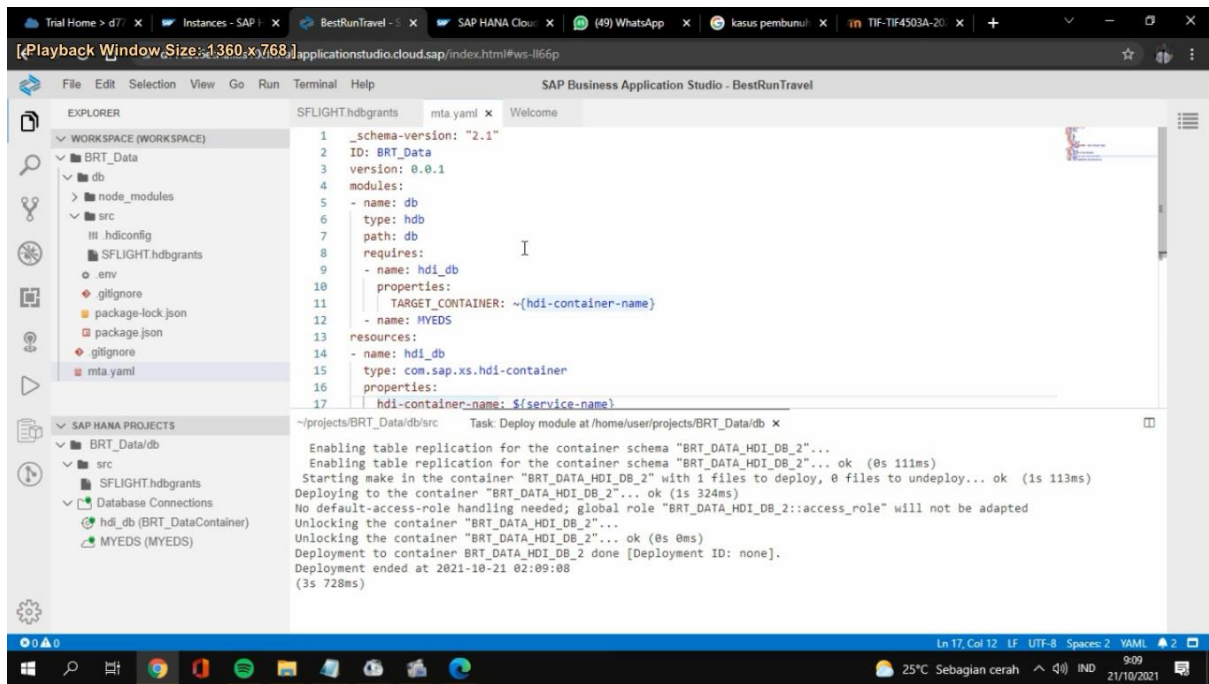
SQL Console 4.sql | Show all | 28°C Sebagian cerah | 10:34 | 19/10/2021

MODUL 6 Setting up your first HANA project in SAP Business Application Studio

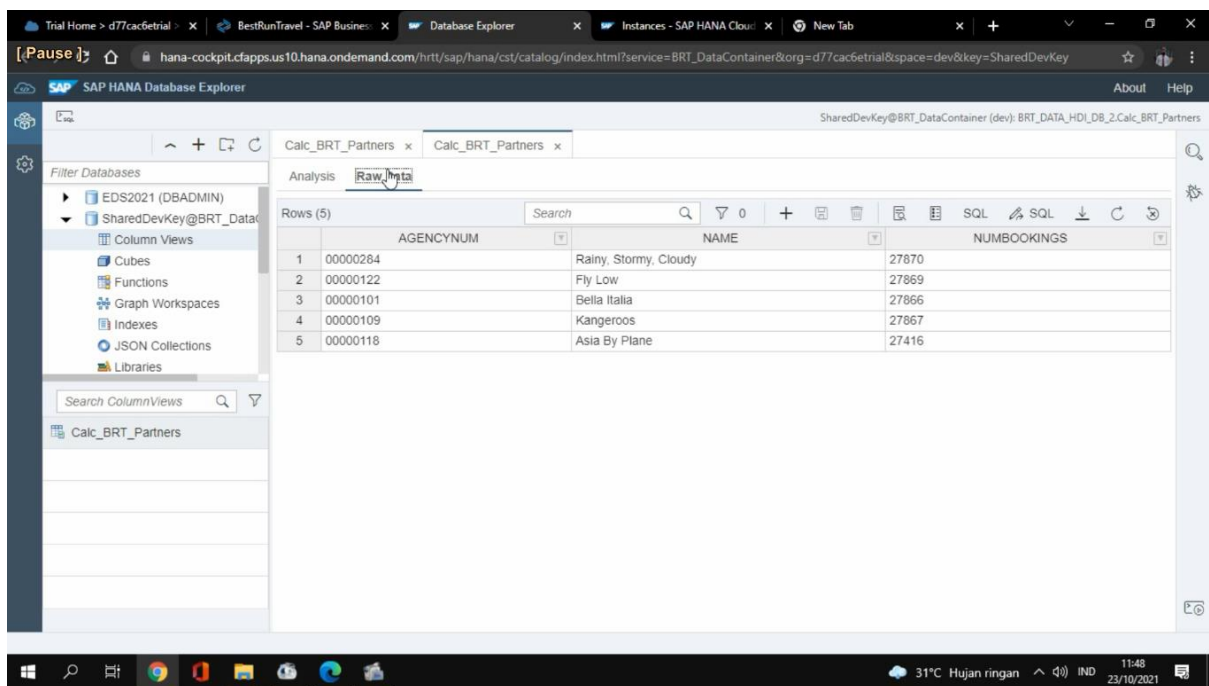
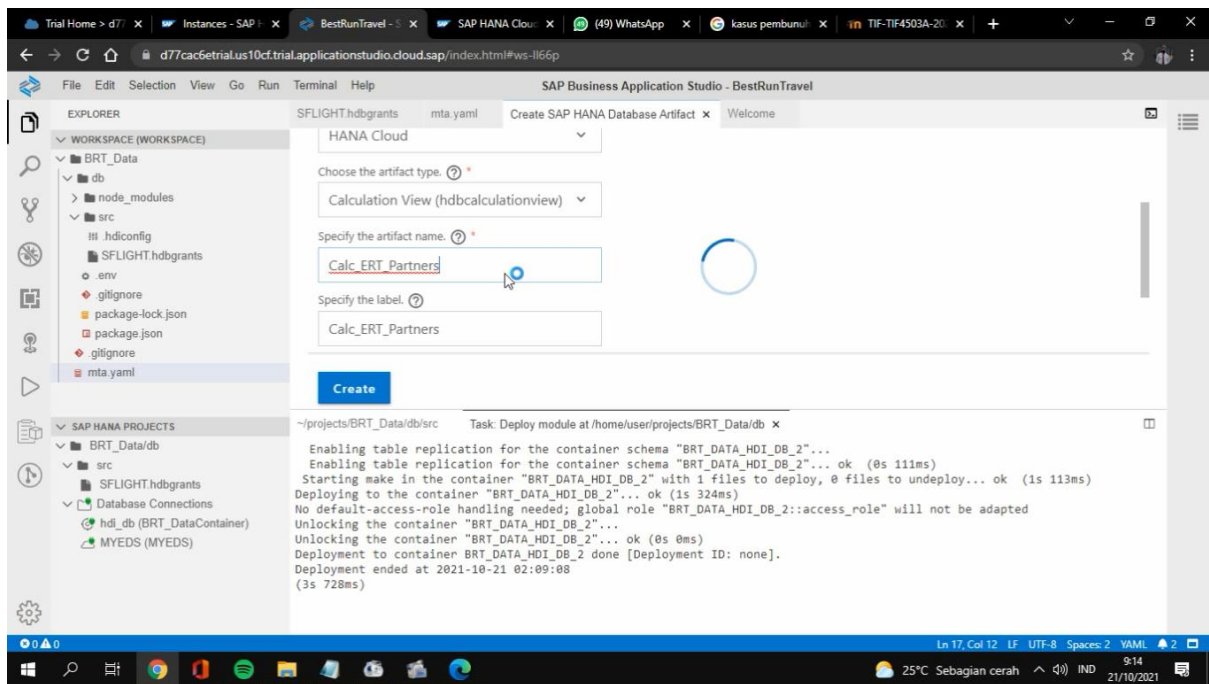


	Yoelhezron79 SAP HANA Native Application	RUNNING	Created On 19/10/2021 10:56	ID ws-vrfgb	Disk Usage 16 MB / 3.9 GB	   
-----------------------------------------------------------------------------------	----------------------------------------------------	----------------	--------------------------------	----------------	------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

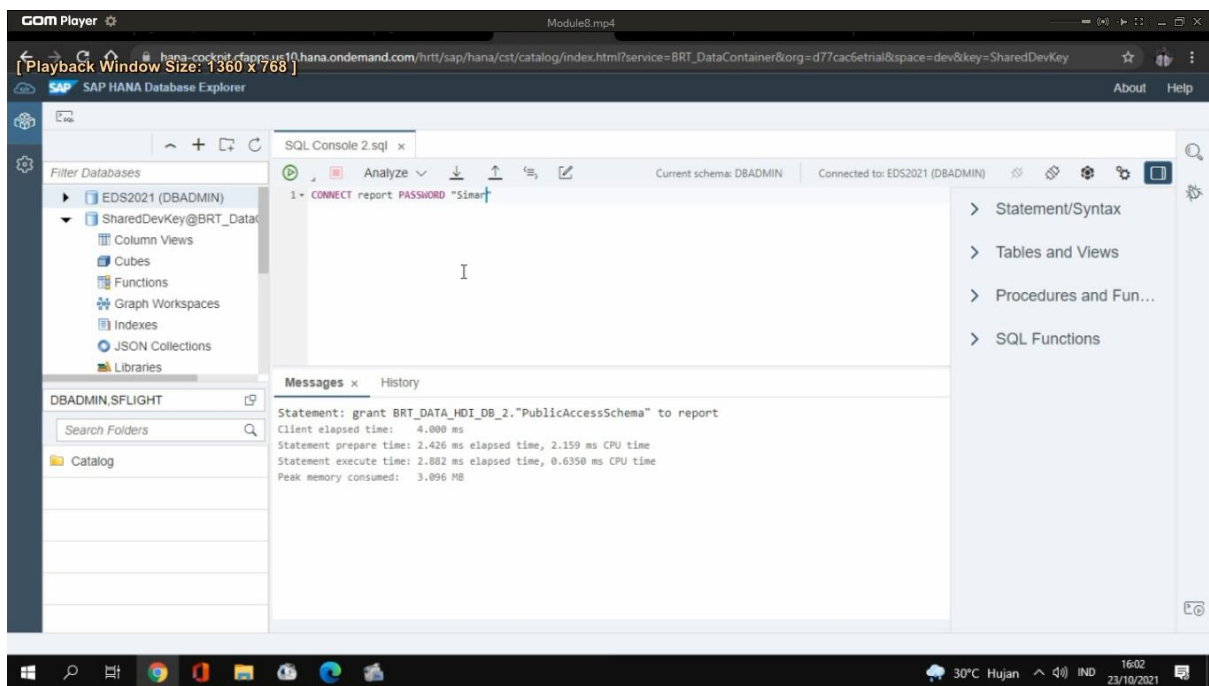
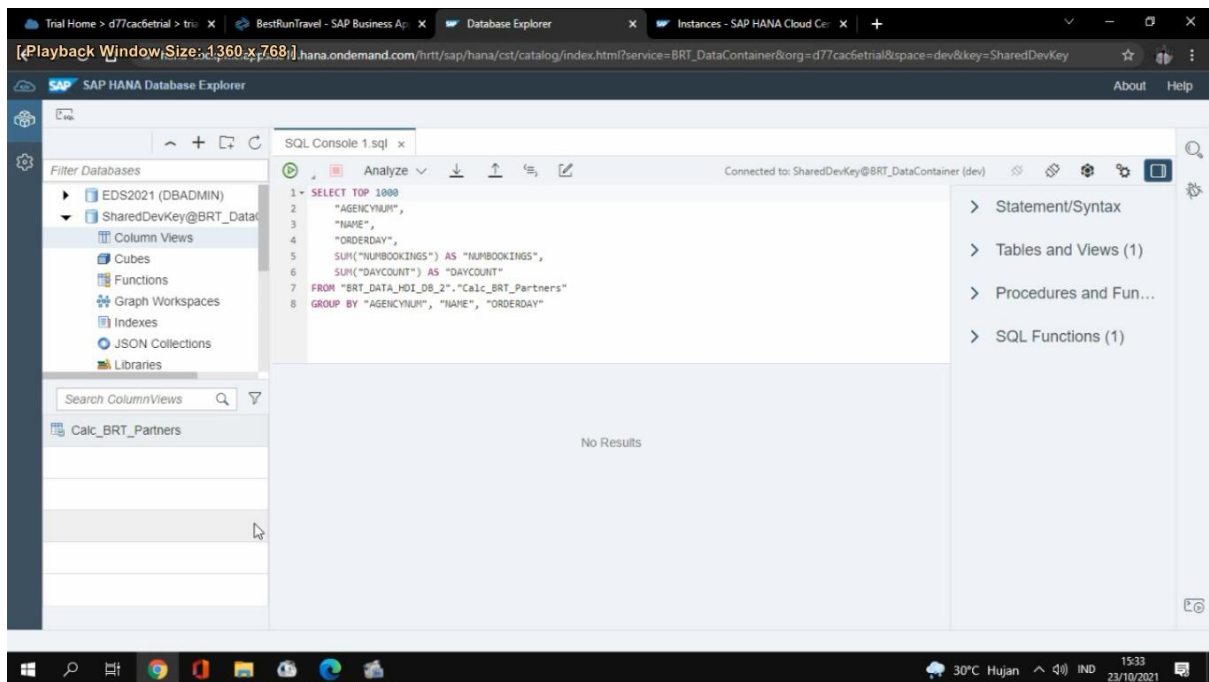




MODUL 7



Modul 8



Playback Window Size: 1360 x 768

hana.endemand.com/hrtt/sap/hana/cst/catalog/index.html?service=BRT_DataContainer&org=d77cac6etrial&space=dev&key=SharedDevKey

SAP HANA Database Explorer

Filter Databases

- EDS2021 (DBADMIN)
- SharedDevKey@BRT_DataContainer
 - Column Views
 - Cubes
 - Functions
 - Graph Workspaces
 - Indexes
 - JSON Collections
 - Libraries

DBADMIN.SFLIGHT

Search Folders

Catalog

SQL Console 2.sql x

Analyze

Current schema: DBADMIN

Connected to: EDS2021 (DBADMIN)

```
1 SELECT TOP 1000
2   "AGENCYNUM",
3   "NAME",
4   "ORDERDAY",
5   SUM("NUMBOOKINGS") AS "NUMBOOKINGS",
6   SUM("DAYCOUNT") AS "DAYCOUNT"
7 FROM "BRT_DATA_HDI_DB_2"."Calc_BRT_Partners"
8 GROUP BY "AGENCYNUM", "NAME", "ORDERDAY"
```

Result x Messages x History

Rows (5)

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

Statement/Syntax

Tables and Views (1)

Procedures and Fun...

SQL Functions (1)

30°C Hujan 16:07 23/10/2021