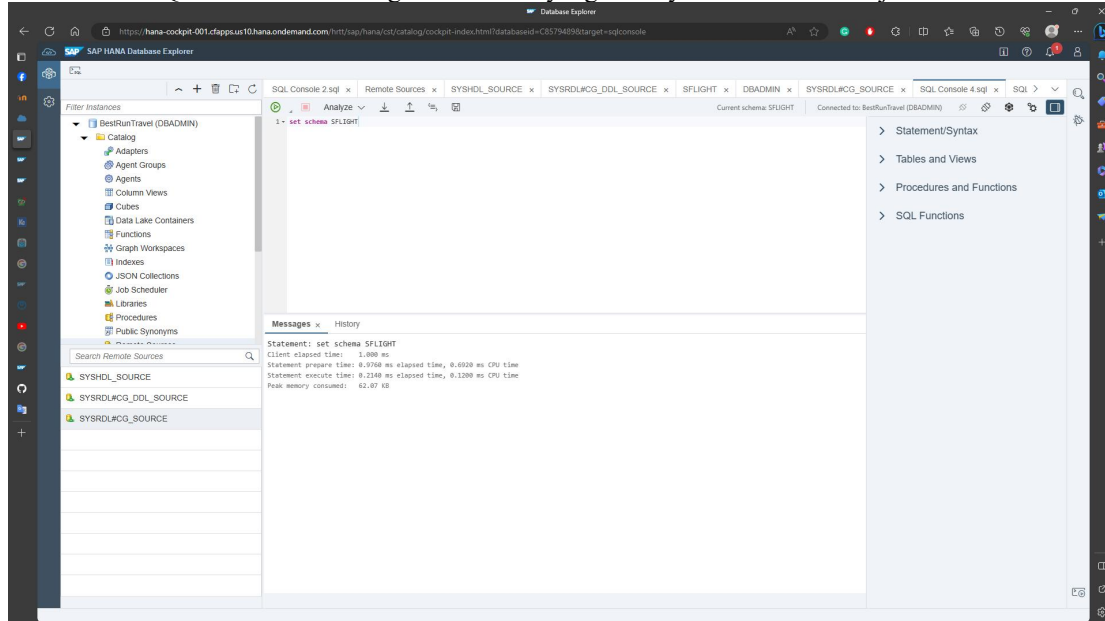


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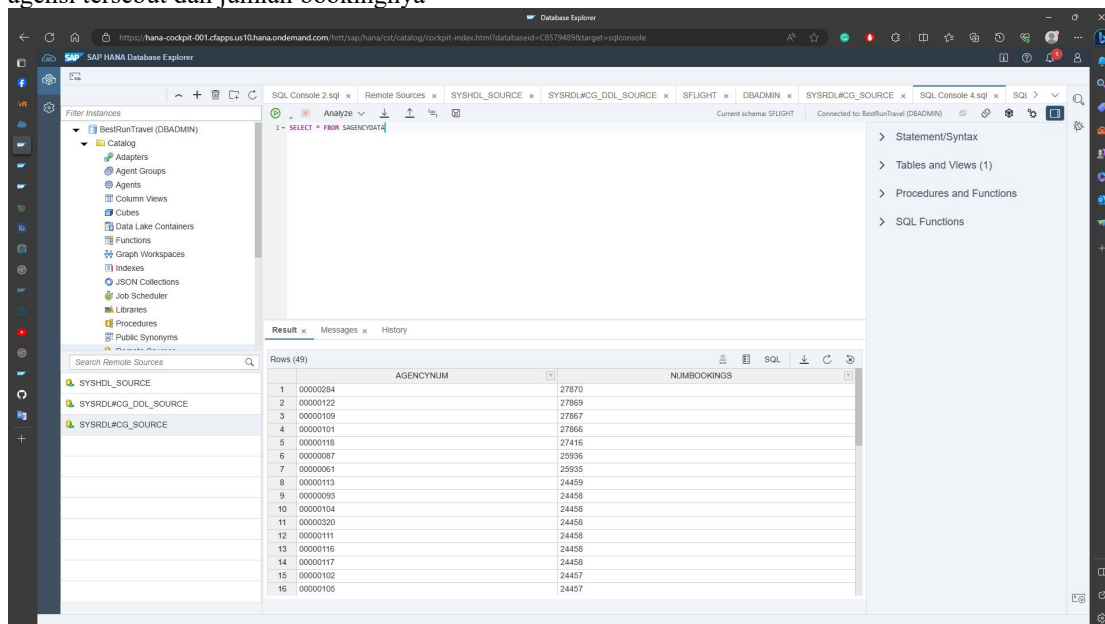
## MODUL 5

### Query Data on SAP HANA Cloud

#### 1. Masuk ke SQL Console dan mengubah schema yang awalnya DBADMIN menjadi SFLIGHT



#### 2. Membuat tabel SAGENCYDATA dan mengambil data dari tabel tersebut yang menampilkan nomor agensi tersebut dan jumlah bookingnya



### 3. Mengambil 5 data agensi terbaik data tabel SAGENCYDATA

The screenshot shows the SAP HANA Database Explorer interface. The SQL Console displays a query: `SELECT TOP 5 SAGENCYDATA.AGENCYNUM, STRAVELAG.NAME, SAGENCYDATA.NUMBOOKINGS FROM SAGENCYDATA INNER JOIN STRAVELAG ON SAGENCYDATA.AGENCYNUM = STRAVELAG.AK`. The results are shown in a table with 5 rows and 3 columns: AGENCYNUM, NAME, and NUMBOOKINGS.

	AGENCYNUM	NAME	NUMBOOKINGS
1	00000284	Rainy, Stormy, Cloudy	27870
2	00000122	Fly Low	27869
3	00000109	Kangeroos	27867
4	00000101	Bella Italia	27866
5	00000118	Asia By Plane	27416

### 4. Membuat tabel STOPAGENCY yang berisi 5 terbaik dari nomor agensi, nama agensi, dan jumlah booking

The screenshot shows the SAP HANA Database Explorer interface. The SQL Console displays a query: `SELECT * FROM STOPAGENCY`. The results are shown in a table with 5 rows and 3 columns: AGENCYNUM, NAME, and NUMBOOKINGS.

	AGENCYNUM	NAME	NUMBOOKINGS
1	00000284	Rainy, Stormy, Cloudy	27870
2	00000122	Fly Low	27869
3	00000109	Kangeroos	27867
4	00000101	Bella Italia	27866
5	00000118	Asia By Plane	27416

## 5. Membuat SAGBOOKDAYS yang berisikan nomor agensi, hari pembelian, dan jumlah pembelian

The screenshot shows the SAP HANA Database Explorer interface. The left pane displays the database catalog with the 'SAGBOOKDAYS' table selected. The central pane shows the SQL console with the following query and result set:

```
1. SELECT FROM SAGBOOKDAYS
```

Row	AGENCYNUM	ORDERDAY	DAYCOUNT
1	00000121	SATURDAY	3406
2	00000087	SATURDAY	3708
3	00000301	FRIDAY	3523
4	00000124	FRIDAY	3476
5	00000106	TUESDAY	3480
6	00000310	MONDAY	3512
7	00000117	SUNDAY	3444
8	00000100	TUESDAY	3549
9	00000297	FRIDAY	3416
10	00000130	FRIDAY	3503
11	00000104	SATURDAY	3485
12	00000117	FRIDAY	3585
13	00000320	WEDNESDAY	3453
14	00000319	THURSDAY	3388
15	00000106	SUNDAY	3472
16	00000122	THURSDAY	4037
17	00000061	SUNDAY	3736
18	00000284	THURSDAY	2719

## 6. Memilih hari yang memiliki jumlah booking tertinggi untuk setiap 5 agensi teratas menggunakan nested query

The screenshot shows the SAP HANA Database Explorer interface. The left pane displays the database catalog with the 'SAGBOOKDAYS' table selected. The central pane shows the SQL console with the following nested query and result set:

```
1. SELECT SAGBOOKDAYS.AGENCYNUM, STOPAGENCY.NAME, SAGBOOKDAYS.ORDERDAY, SAGBOOKDAYS.DAYCOUNT FROM SAGBOOKDAYS INNER JOIN STOPAGENCY ON SAGBOOKDAYS.AGENCYNUM = STOPAGENCY.AGENCYNUM
```

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