

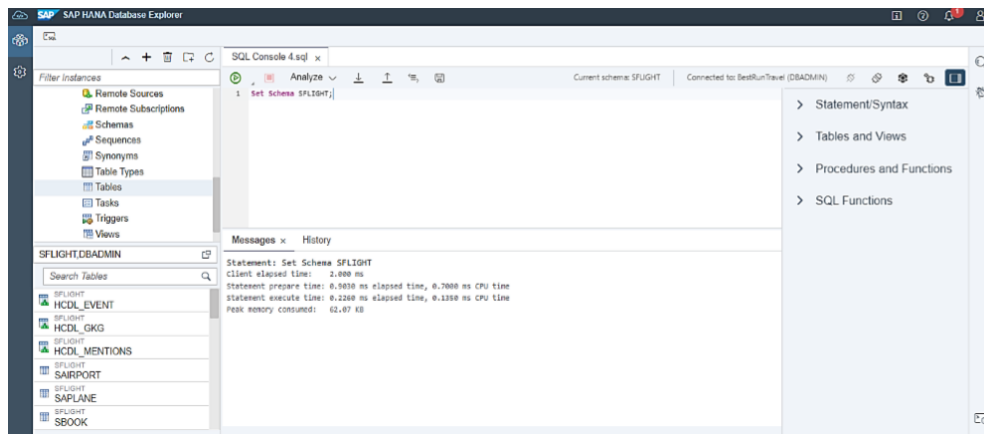
Nama : Pahwana Br Sinulingga

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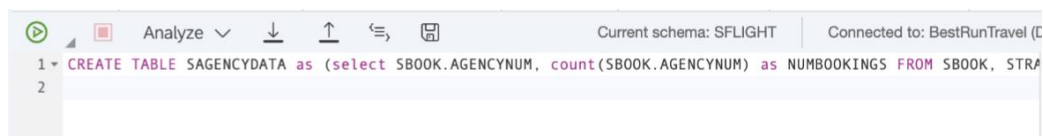
Kelas : Kom A

Module 5: Query Data on SAP HANA Cloud

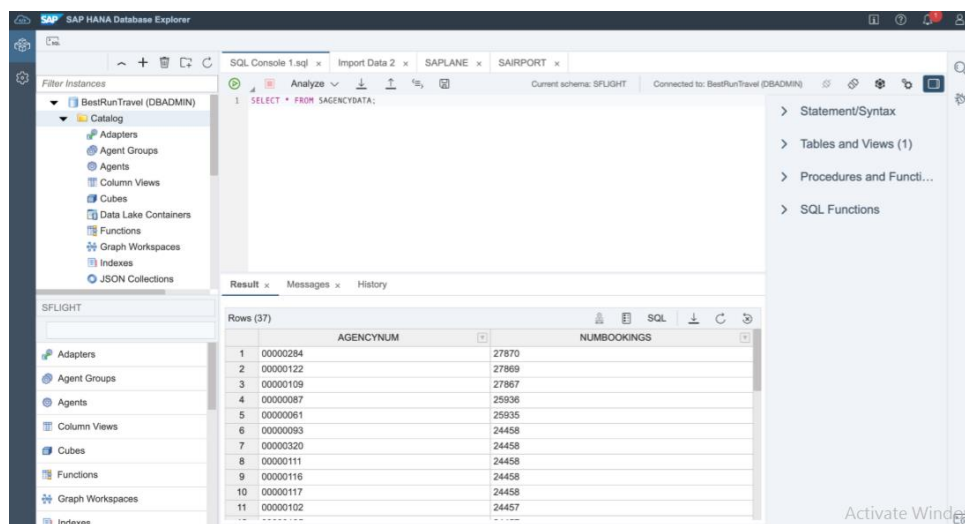
1. Set Schema SFLIGHT;



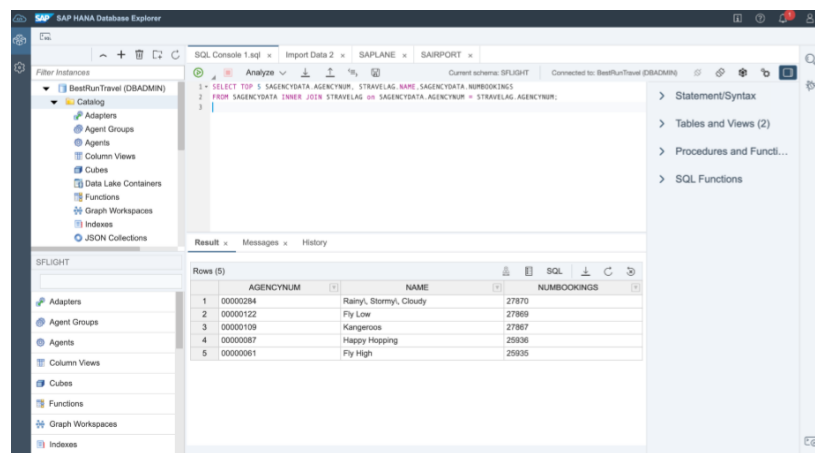
2. Buat table SAGENCYDATA dengan perintah berikut



3. Menampilkan data AGENCYNUM dan NUMBOOKINGS di table SAGENCYDATA



4. Mengambil top 5 agensi terbaik dari tabel SAGENCYDATA



The screenshot shows the SAP HANA Database Explorer interface. The SQL Console displays the following query:

```
1 SELECT TOP 5 SAGENCYDATA.AGENCYNUM, STRAVELAG.NAME, SAGENCYDATA.NUMBOOKINGS
2 FROM SAGENCYDATA INNER JOIN STRAVELAG ON SAGENCYDATA.AGENCYNUM = STRAVELAG.AGENCYNUM;
```

The results are shown in a table with 5 rows:

	AGENCYNUM	NAME	NUMBOOKINGS
1	00000284	Rainy, Stormy, Cloudy	27870
2	00000122	Fly Low	27869
3	00000108	Kangaroo	27867
4	00000087	Happy Hopping	25936
5	00000061	Fly High	25935

5. Membuat table STOPAGENCY yang berisikan data top 5 agensi terbaik dari tabel SAGENCYDATA



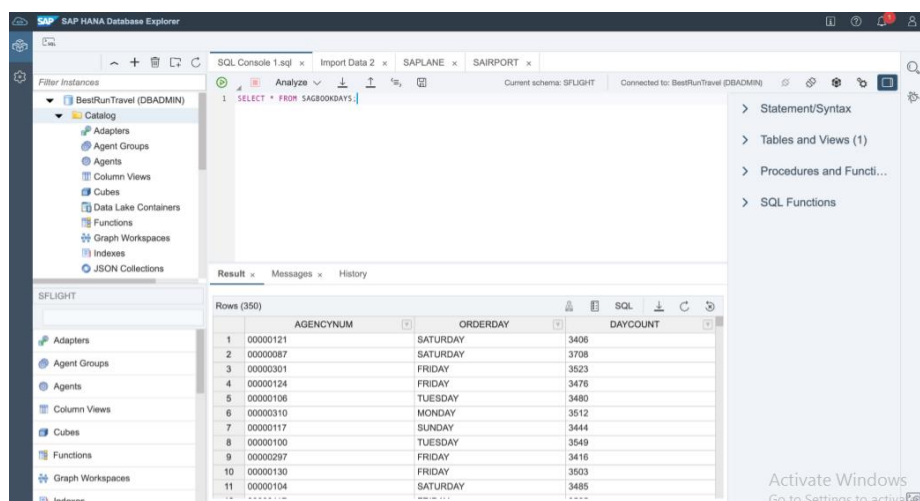
The screenshot shows the SQL Console with the following query:

```
1 CREATE TABLE STOPAGENCY AS (SELECT TOP 5 SAGENCYDATA.AGENCYNUM, STRAVELAG.NAME, SAGENCYDATA.NUMBOOKINGS
2 FROM SAGENCYDATA INNER JOIN STRAVELAG ON SAGENCYDATA.AGENCYNUM = STRAVELAG.AGENCYNUM);
```

6. Membuat table SAGBOOKDAYS yang terdiri dari data AGENCYNUM, ORDERDAY, dan DAYCOUNT

```
1 CREATE TABLE SAGBOOKDAYS AS (SELECT AGENCYNUM, dayname(ORDER_DATE) as ORDERDAY,
2 count(dayname(ORDER_DATE)) AS DAYCOUNT FROM SBOOK GROUP BY AGENCYNUM, dayname(ORDER_DATE))
```

7. Menampilkan data yang ada pada table SAGBOOKDAYS



The screenshot shows the SAP HANA Database Explorer interface. The SQL Console displays the following query:

```
1 SELECT * FROM SAGBOOKDAYS;
```

The results are shown in a table with 11 rows (displayed):

	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

8. Menampilkan hari yang memiliki jumlah boking tertinggi berdasarkan data top 5 agensi terbaik

The screenshot displays the SAP HANA Database Explorer interface. The left sidebar shows the 'BestRunTravel (DBADMIN)' catalog with various objects like Adapters, Agent Groups, Agents, Column Views, Cubes, Data Lake Containers, Functions, Graph Workspaces, Indexes, and JSON Collections. The main area shows an SQL console with the following query:

```
1 = SELECT SAGBOOKDAYS.AGENCYNUM, STOPAGENCY.NAME, SAGBOOKDAYS.ORDERDAY, SAGBOOKDAYS.DAYCOUNT
2 FROM SAGBOOKDAYS INNER JOIN STOPAGENCY ON SAGBOOKDAYS.AGENCYNUM=STOPAGENCY.AGENCYNUM
3 WHERE SAGBOOKDAYS.DAYCOUNT IN (SELECT max(DAYCOUNT) FROM SAGBOOKDAYS GROUP BY AGENCYNUM)
4
```

The results are displayed in a table with 6 rows and 5 columns: AGENCYNUM, NAME, ORDERDAY, and DAYCOUNT. The data is as follows:

	AGENCYNUM	NAME	ORDERDAY	DAYCOUNT
1	00000122	Fly Low	THURSDAY	4037
2	00000109	Kangeroos	THURSDAY	4095
3	00000061	Fly High	WEDNESDAY	3794
4	00000087	Happy Hopping	SUNDAY	3624
5	00000294	Rainy, Stormy, Cloudy	MONDAY	4108
6	00000087	Happy Hopping	THURSDAY	3764

The right sidebar shows a list of objects: Statement/Syntax, Tables and Views (2), Procedures and Functions, and SQL Functions (1).