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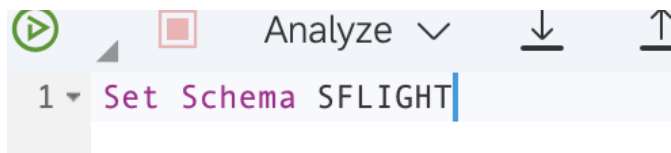
Query Data on SAP HANA Cloud

Mission Summary:

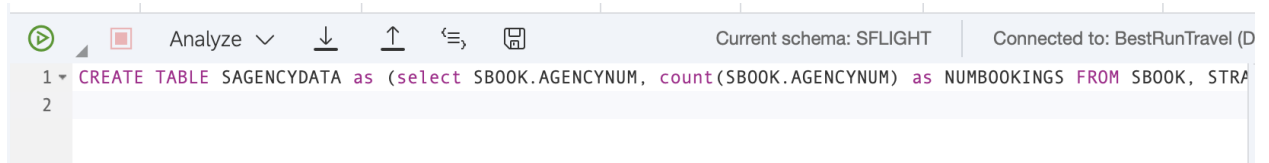
Best Run Travel Wants to Identify the top 5 partners and the days with maximum booking for the top 5 partners

Step by step

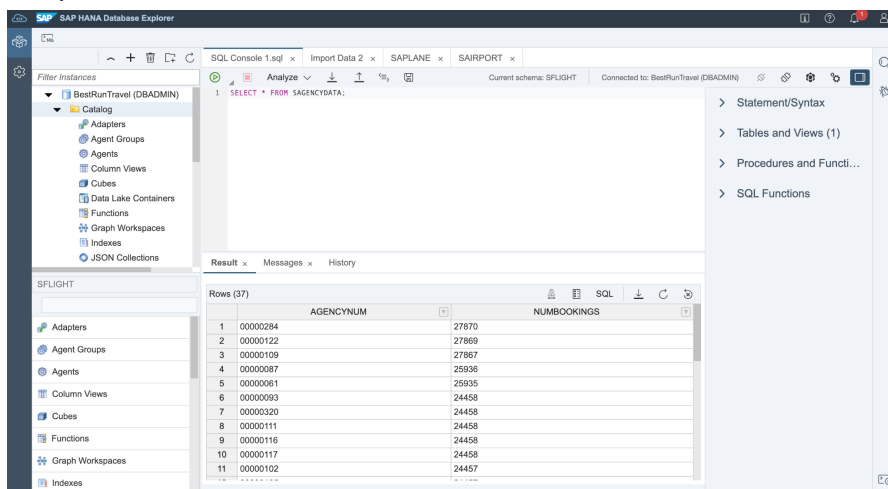
1. Set schema SFLIGHT



2. Tables SBOOK and STRAVELAG adalah tabel yang akan digunakan kali ini
3. Membuat tabel SAGENCYDATA



4. Tampilkan SAGENCYDATA



5. Menggunakan join table untuk menampilkan agency dengan jumlah booking terbanyak

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;
3
```

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	00000109	Kangeroos	27867
4	00000087	Happy Hopping	25936
5	00000061	Fly High	25935

6. Membuat table STOPAGENCY

The screenshot shows the SAP HANA Database Explorer interface. The SQL Console displays 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);
3
```

7. Tampilkan table STOPAGENCY

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

```
1 SELECT * FROM STOPAGENCY;
```

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	00000109	Kangeroos	27867
4	00000087	Happy Hopping	25936
5	00000061	Fly High	25935

8. Membuat table SAGBOOKDAYS

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

9. Menampilkan table SAGBOOKDAYS;

The screenshot shows the SAP HANA Database Explorer interface. On the left, the 'Filter Instances' pane shows the 'BestRunTravel (DBADMIN)' instance with a tree view of the catalog. The 'SFLIGHT' instance is selected. The main pane displays the 'SQL Console 1.sql' with the query: `SELECT * FROM SAGBOOKDAYS;`. The 'Result' pane shows the table data with 350 rows. The table has columns: AGENCYNUM, ORDERDAY, and DAYCOUNT.

	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

10. Jumlah maksimum pemesanan untuk masing-masing top 5 agensi teratas

The screenshot shows the SAP HANA Database Explorer interface. The 'SQL Console 1.sql' contains the query: `SELECT SAGBOOKDAYS.AGENCYNUM, STOPAGENCY.NAME, SAGBOOKDAYS.ORDERDAY, SAGBOOKDAYS.DAYCOUNT FROM SAGBOOKDAYS INNER JOIN STOPAGENCY ON SAGBOOKDAYS.AGENCYNUM=STOPAGENCY.AGENCYNUM WHERE SAGBOOKDAYS.DAYCOUNT IN (SELECT max(DAYCOUNT) FROM SAGBOOKDAYS GROUP BY AGENCYNUM)`. The 'Result' pane shows the table data with 6 rows. The table has columns: AGENCYNUM, NAME, ORDERDAY, and DAYCOUNT.

	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	00000284	Rainy!, Stormy!, Cloudy	MONDAY	4108
6	00000087	Happy Hopping	THURSDAY	3764