

Tugas Modul 5 : Enterprise Development Software

Nama : Della Febriana

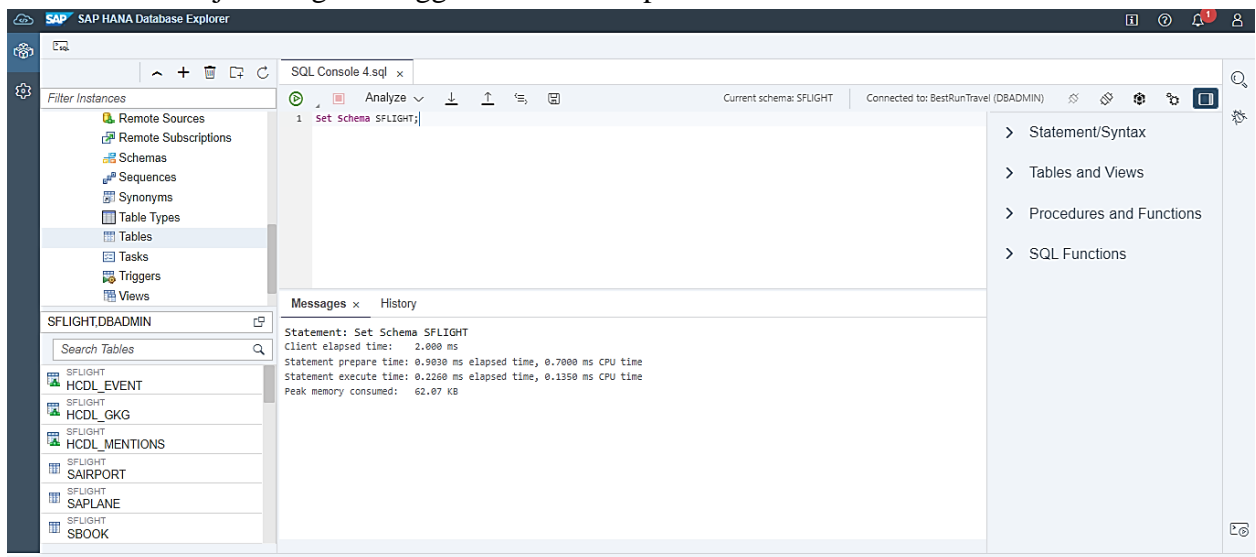
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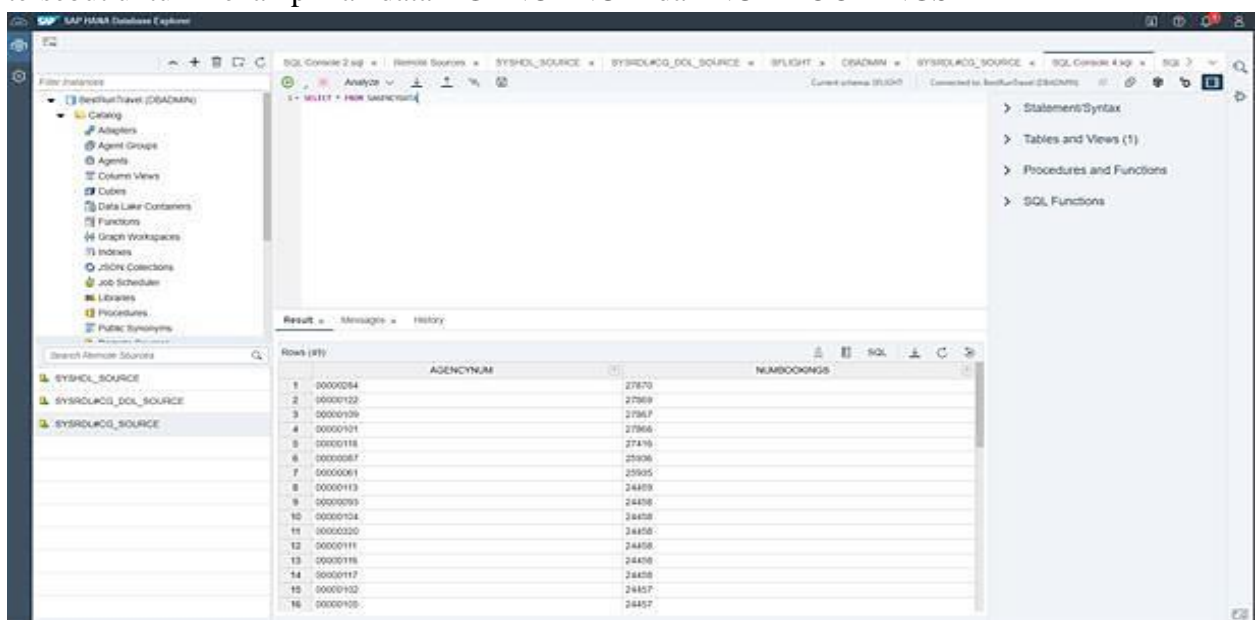
Modul 5 : Query Data on SAP HANA Cloud

Hasil mengikuti modul 5, sebagai berikut :

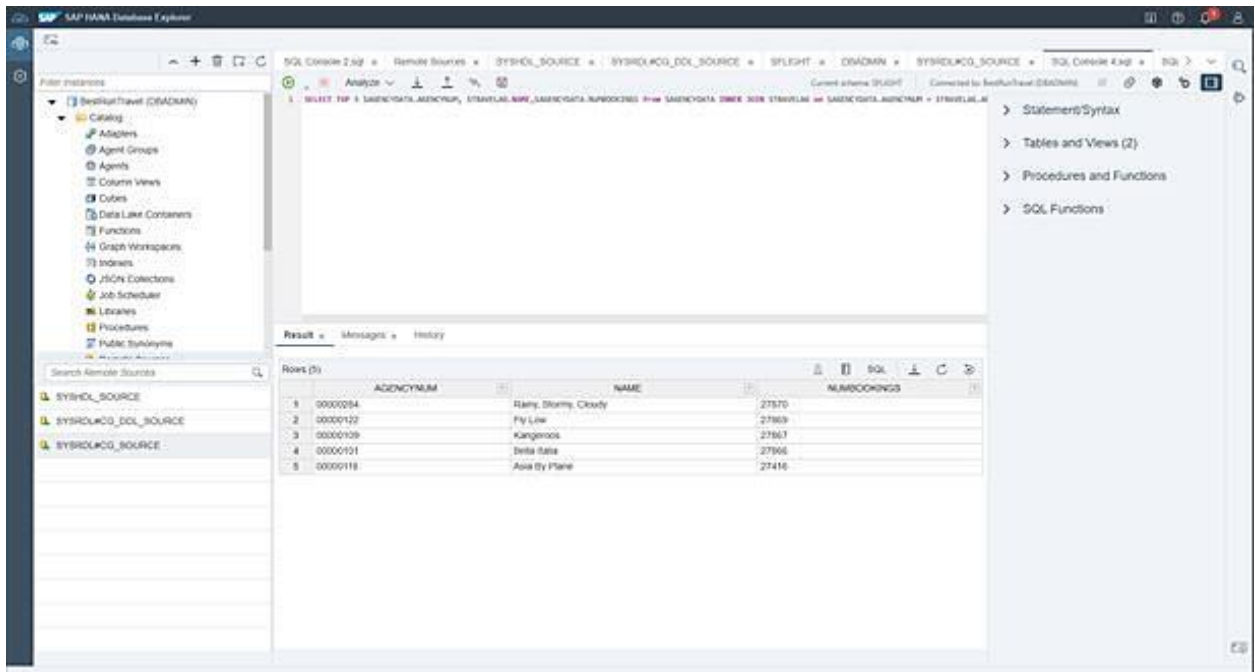
1. Set schema menjadi sflight menggunakan code seperti dibawah ini



2. Kemudian membuat tabel bernama SAGENCYDATA, lalu mengambil data dari tabel tersebut untuk menampilkan data AGENCYNUM dan NUMBOOKINGS



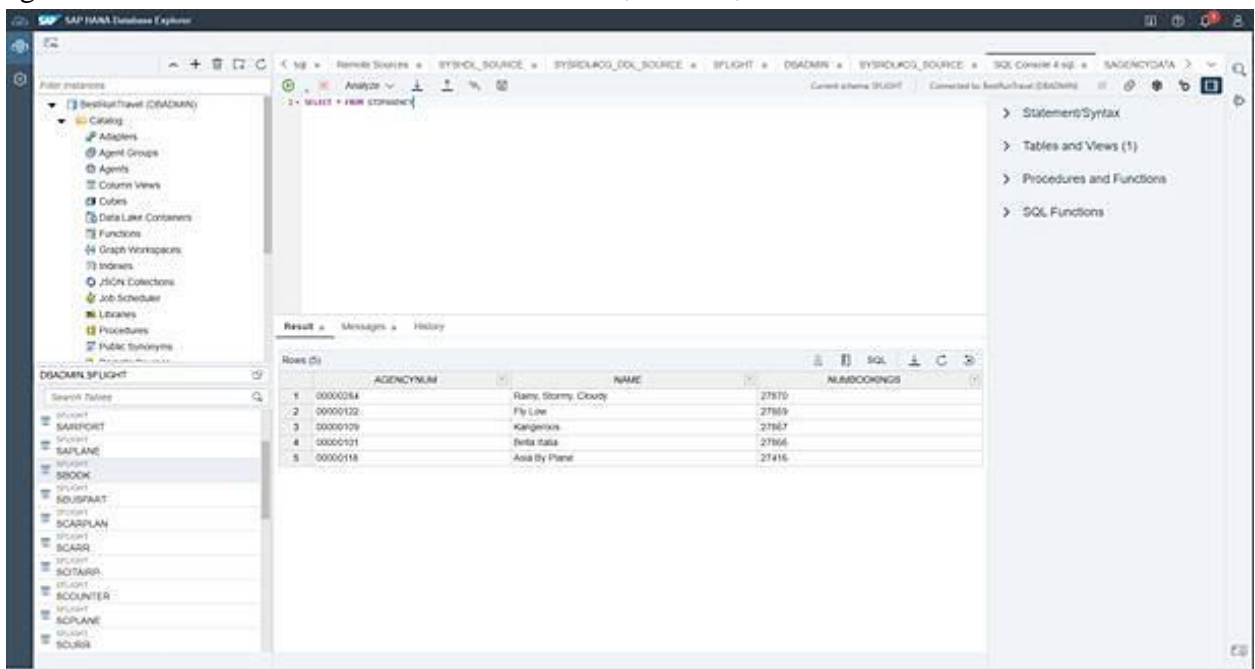
3. Query selanjutnya adalah query untuk mengambil top 5 agensi terbaik dari tabel SAGENCYDATA



The screenshot shows the SAP HANA Database Explorer interface. The left pane displays the database schema with a search for 'SAGENCYDATA'. The central pane shows a SQL query: `SELECT TOP 5 SAGENCYDATA.AGENCYNUM, STRANALAGG.SAGENCYDATA.NUMBOOKINGS FROM SAGENCYDATA INNER JOIN STRANALAGG ON SAGENCYDATA.AGENCYNUM = STRANALAGG.AGENCYNUM`. The right pane shows the 'Result' tab with a table containing 5 rows of data.

AGENCYNUM	NAME	NUMBOOKINGS
00000054	Ramp, Stormy, Cloudy	27870
00000122	Fly Low	27869
00000129	Kangeroos	27867
00000131	Beta Beta	27866
00000118	Asia By Plane	27416

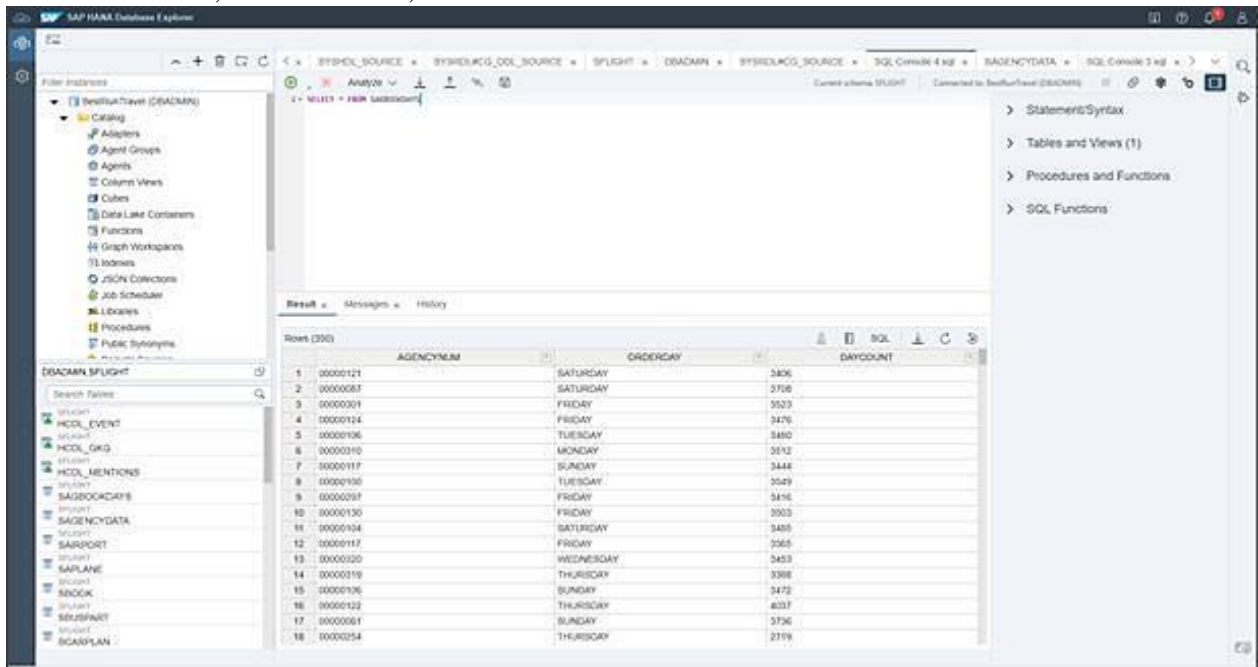
4. Query selanjutnya adalah membuat tabel bernama STOPAGENCY yang akan berisikan top 5 agensi terbaik. Terdiri dari data AGENCYNUM, NAME, dan NUMBOOKINGS



The screenshot shows the SAP HANA Database Explorer interface. The left pane displays the database schema with a search for 'STOPAGENCY'. The central pane shows a SQL query: `SELECT * FROM STRANALAGG`. The right pane shows the 'Result' tab with a table containing 5 rows of data.

AGENCYNUM	NAME	NUMBOOKINGS
00000054	Ramp, Stormy, Cloudy	27870
00000122	Fly Low	27869
00000129	Kangeroos	27867
00000131	Beta Beta	27866
00000118	Asia By Plane	27416

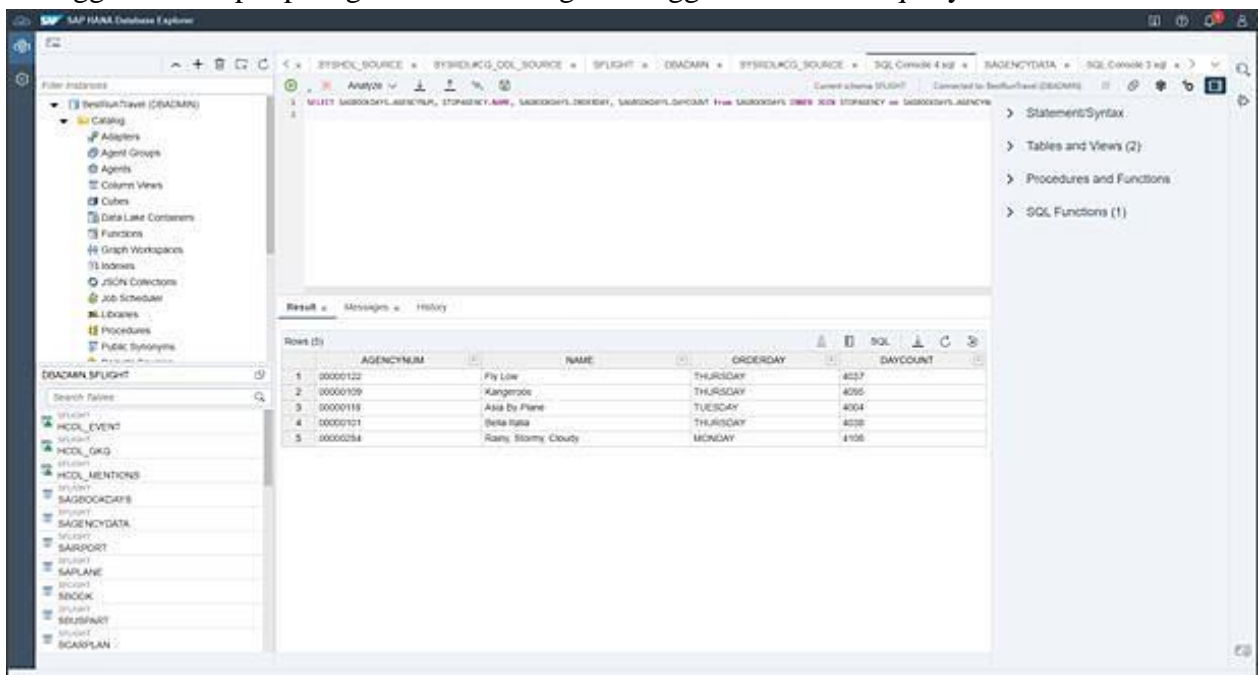
5. Query selanjutnya adalah membuat tabel bernama SAGBOOKDAYS yang terdiri dari data AGENCYNUM, ORDERDAY, dan DAYCOUNT



The screenshot shows the SAP HANA Database Explorer interface. The left pane displays the database schema with various tables and views. The main pane shows a query result table with the following data:

Row	AGENCYNUM	ORDERDAY	DAYCOUNT
1	00000121	SATURDAY	3806
2	00000087	SATURDAY	3708
3	00000001	FRIDAY	3523
4	00000124	FRIDAY	3476
5	00000106	TUESDAY	3460
6	00000102	MONDAY	3512
7	00000117	SUNDAY	3448
8	00000106	TUESDAY	3549
9	00000209	FRIDAY	3416
10	00000130	FRIDAY	3503
11	00000104	SATURDAY	3485
12	00000112	FRIDAY	3565
13	00000220	WEDNESDAY	3453
14	00000119	THURSDAY	3388
15	00000106	SUNDAY	3472
16	00000123	THURSDAY	4037
17	00000001	SUNDAY	3756
18	00000254	THURSDAY	2759

6. Query selanjutnya adalah mencoba menampilkan hari yang memiliki jumlah booking tertinggi untuk tiap top 5 agensi teratas dengan menggunakan nested query



The screenshot shows the SAP HANA Database Explorer interface. The left pane displays the database schema. The main pane shows a nested query result table with the following data:

Row	AGENCYNUM	NAME	ORDERDAY	DAYCOUNT
1	00000122	Fly Low	THURSDAY	4037
2	00000109	Kangeroos	THURSDAY	4035
3	00000118	Asia By Plane	TUESDAY	4004
4	00000121	Beta Beta	THURSDAY	4038
5	00000254	Rainy Stormy Cloudy	MONDAY	4108