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## Modul 5

### Query Data on SAP HANA Cloud

#### 1. Mengubah schema menjadi SFLIGHT

The screenshot shows the SAP HANA Database Explorer interface. The left sidebar displays the 'Filter Instances' tree with 'Remote Sources' selected. The main pane shows the 'SQL Console 2.sql' tab with the following SQL statement:

```
1 Set Schema SFLIGHT
2
```

The 'Messages' pane shows the execution results:

```
Statement: Set Schema SFLIGHT
Client elapsed time: 2.000 ms
Statement prepare time: 0.9390 ms elapsed time, 0.7300 ms CPU time
Statement execute time: 0.2330 ms elapsed time, 0.1300 ms CPU time
Peak memory consumed: 62.07 KB
```

The right sidebar shows a navigation menu with the following items:

- > Statement/Syntax
- > Tables and Views
- > Procedures and F...
- > SQL Functions

#### 2. Membuat Tabel SAGENCYDATA

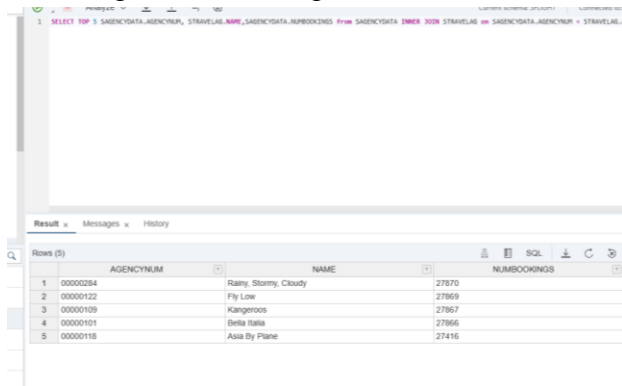
The screenshot shows the SAP HANA Database Explorer interface. The main pane shows the 'SQL Console' tab with the following SQL statement:

```
1 SELECT * FROM SAGENCYDATA
```

The 'Result' pane shows the execution results, displaying 16 rows of data. The columns are 'AGENCYNUM' and 'NUMBOOKINGS'.

AGENCYNUM	NUMBOOKINGS
00000084	27670
00000122	27669
00000109	27667
00000101	27666
00000118	27416
00000087	25936
00000061	25935
00000113	24459
00000093	24458
00000104	24458
00000320	24458
00000111	24458
00000116	24458
00000117	24458
00000102	24457
00000105	24457

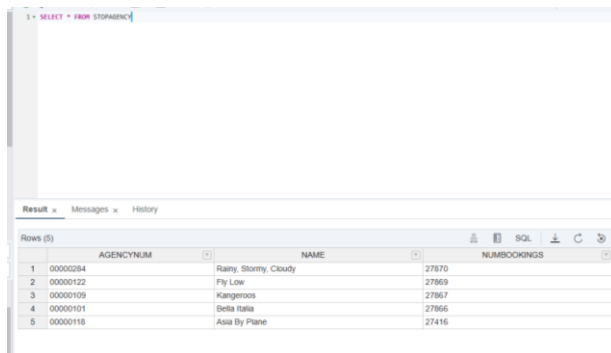
### 3. Mengambil 5 data agensi terbaik



The screenshot shows a SQL query window with the following query: `SELECT TOP 5 SAGENCYDATA.AGENCYNUM, STRAVELAG.NAME, SAGENCYDATA.NUMBOOKINGS FROM SAGENCYDATA INNER JOIN STRAVELAG ON SAGENCYDATA.AGENCYNUM = STRAVELAG.AGENCYNUM`. The result set displays 5 rows of data.

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

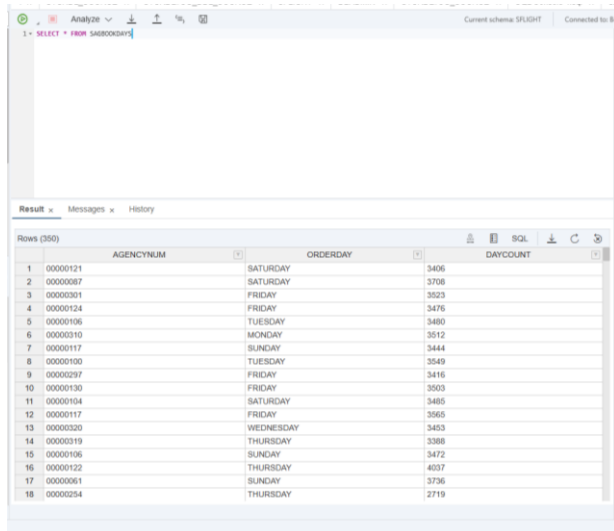
### 4. Membuat tabel STOPAGENCY



The screenshot shows a SQL query window with the query: `SELECT * FROM STOPAGENCY`. The result set is empty, indicating that the table STOPAGENCY has been successfully created and is currently empty.

AGENCYNUM	NAME	NUMBOOKINGS
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### 5. Membuat SAGBOOKDAYS



The screenshot shows a SQL query window with the query: `SELECT * FROM SAGBOOKDAYS`. The result set displays 18 rows of data, representing the creation of the SAGBOOKDAYS table.

AGENCYNUM	ORDERDAY	DAYCOUNT
00000121	SATURDAY	3406
00000087	SATURDAY	3708
00000301	FRIDAY	3523
00000124	FRIDAY	3476
00000106	TUESDAY	3480
00000310	MONDAY	3512
00000117	SUNDAY	3444
00000100	TUESDAY	3549
00000297	FRIDAY	3416
00000130	FRIDAY	3503
00000104	SATURDAY	3485
00000117	FRIDAY	3565
00000320	WEDNESDAY	3453
00000319	THURSDAY	3388
00000106	SUNDAY	3472
00000122	THURSDAY	4037
00000081	SUNDAY	3736
00000284	THURSDAY	2719

6. Memilih hari dengan jumlah booking tertinggi

1 SELECT SABORDAYS.AGENCYNUM, STPAGENCY.NAME, SABORDAYS.ORDERDAY, SABORDAYS.DAYCOUNT FROM SABORDAYS INNER JOIN STPAGENCY ON SABORDAYS.AGENCYNUM

2

Result x Messages x History

Rows (5)

	AGENCYNUM	NAME	ORDERDAY	DAYCOUNT
1	00000122	Fly Low	THURSDAY	4037
2	00000109	Kangeroos	THURSDAY	4095
3	00000118	Asia By Plane	TUESDAY	4004
4	00000101	Betta Italia	THURSDAY	4028
5	00000284	Rainy, Stormy, Cloudy	MONDAY	4108