

1 task

The screenshot shows the pgAdmin 4 interface with the 'Object Explorer' on the left and a 'Query' editor on the right. The 'Query' editor contains the following SQL code:

```
5763 --1ab9
5764 --1
5765 CREATE VIEW flight AS
5766 SELECT * FROM flights
5767 WHERE actual_departure = '2023-12-01';
5768
5769
5770
5771
5772
5773
5774
5775
5776
5777
5778
5779
5780
```

The 'Data Output' tab shows the message: 'CREATE VIEW'. Below it, 'Messages' and 'Notifications' tabs are present. The status bar at the bottom indicates 'Total rows: Query complete 00:00:00.059'.

2 task

The screenshot shows the pgAdmin 4 interface with the 'Object Explorer' on the left and a 'Query' editor on the right. The 'Query' editor contains the following SQL code:

```
5769 --2
5770 CREATE VIEW book_f AS
5771 SELECT f.flight_id,bf.booking_id,bf.booking_flight_id,
5772 f.scheduled_departure
5773 from booking_flight bf
5774 join flight f on f.flight_id=bf.flight_id
5775 where f.scheduled_departure BETWEEN NOW() AND NOW() + INTERVAL '7 days'
5776
5777
5778
5779
5780
5781
5782
5783
5784
5785
5786
```

The 'Data Output' tab shows the message: 'CREATE VIEW'. Below it, 'Messages' and 'Notifications' tabs are present. The status bar at the bottom indicates 'Total rows: Query complete 00:00:00.076'.

3 task

Object Explorer Query History Data Output Messages Notifications

```

where f.scheduled_departure BETWEEN NOW() AND NOW() + INTERVAL '7 days'
      --3
CREATE VIEW popular_flights AS
SELECT f.flight_id, arr.airport_name AS arr_airport_name ,
       dep.airport_name AS dep_airport_name'
       COUNT(b.booking_id)AS count_booking
FROM booking b
JOIN booking_flight bf ON b.booking_id = bf.booking_id
JOIN flights f ON f.flight_id = bf.flight_id
JOIN airport arr ON arr.airport_id = f.arrival_airport_id
JOIN airport dep ON dep.airport_id = f.departure_airport_id
GROUP BY f.flight_id, dep.airport_name, arr.airport_name
ORDER BY count_booking DESC
LIMIT 5;
SELECT * from popular_flights
      
```

Total rows: 5 Query complete 00:00:00.161

You are currently running version 9.6 of pgAdmin 4, however the current version is 9.9.

Please click [here](#) for more information.

CRLF Ln 5787, Col 42

4 task

File Object Tools Edit View Window Help

Object Explorer Query History Data Output Messages Notifications

```

CREATE VIEW show_flight AS
SELECT f.flight_id, f.flight_no,f.departure_airport_id,f.arrival_airport_id,
f.scheduled_departure,f.scheduled_arrival,a.airline_name
FROM flights f
JOIN airline a ON f.airline_id = a.airline_id
WHERE a.airline_name = 'KLM'
      
```

CREATE VIEW

Query returned successfully in 38 msec.

Total rows: Query complete 00:00:00.038

✓ Query returned successfully in 38 msec. CRLF Ln 5793, Col 1

5 task

Object Explorer File Object Tools Edit View Window Help

Query History

```
--5
CREATE OR REPLACE VIEW modif AS
SELECT * FROM flights
WHERE airline_id = 1
AND scheduled_departure BETWEEN '2024-01-12' AND '2024-01-19';
SELECT * FROM modif;
```

Data Output Messages Notifications

flight_id	flight_no	scheduled_departure	scheduled_arrival	departure_airport_id	arrival_airport_id	departing_gate	arriving_gate	airline_id	status	
1	13	BR-PE	2024-01-16	2023-06-02	13	20	1891	5429	1	Delayed

Total rows: 1 Query complete 00:00:00.144

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Please click [here](#) for more information.

CRLF Ln 5809, Col 19

6 task

File Object Tools Edit View Window Help

Object Explorer File Object Tools Edit View Window Help

Query History

```
--6
CREATE VIEW delayed_flight AS
SELECT *,
       (actual_departure - scheduled_departure) AS delay_days
FROM flights
WHERE actual_departure IS NOT NULL
      AND DATE(actual_departure) > DATE(scheduled_departure) + 1;
SELECT * FROM delayed_flight;
```

Data Output Messages Notifications

flight_id	flight_no	scheduled_departure	scheduled_arrival	departure_airport_id	arrival_airport_id	departing_gate	arriving_gate	airline_id	status	
1	2	US-NM	2023-07-21	2023-09-17	13	16	4216	90	34	Boarding
2	3	FI-OL	2023-03-29	2023-08-01	18	12	47	9	34	Boarding
3	5	RO-DJ	2023-07-03	2023-11-28	6	2	626	171	14	Check-in open
4	6	CA-SK	2023-07-07	2023-09-11	18	1	1576	72	34	Check-in open
5	7	AU-TAS	2023-10-12	2024-02-24	15	18	867	15	10	Delayed
6	9	IN-OR	2023-05-18	2023-09-19	6	9	659	621	13	Delayed
7	11	TH-57	2023-03-28	2023-10-28	5	5	1280	5788	44	Delayed
8	12	CA-NL	2023-03-22	2023-06-04	12	13	40			
9	14	US-IN	2023-07-24	2024-02-27	18	3	973			
10	17	ES-AN	2023-09-10	2024-01-07	13	13	297			
11	21	EE-39	2023-10-12	2024-01-04	17	7	18			
12	??	GR-GRN	9999-11-09	9999-10-11	?	?	Ann			

Total rows: 494 Query complete 00:00:00.156

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Please click [here](#) for more information.

CRLF Ln 5822, Col 1

7 tasks

```

5790 --7
5800
5801
5802 CREATE VIEW platforms AS
5803 SELECT p.first_name || ' ' || p.last_name AS full_name,p.country_of_citizenship,b.booking_platform
5804 FROM passengers p
5805 JOIN booking b ON p.passenger_id = b.passenger_id
5806 WHERE b.booking_platform = 'Leffler-Thompson';
5807
5808
5809
5810
5811
5812
5813
5814
5815
5816
5817

```

Total rows: Query complete 00:00:00.287 CRLF Ln 5799, Col 1

8 tasks

```

5804 --8
5805
5806
5807 CREATE VIEW top10_countries AS
5808 SELECT ar.country, COUNT(*) AS visited_country
5809 FROM airport ar
5810 JOIN flights f ON f.arrival_airport_id = ar.airport_id
5811 GROUP BY ar.country
5812 ORDER BY visited_country DESC
5813
5814
5815
5816
5817
5818
5819
5820
5821

```

Total rows: Query complete 00:00:00.094 CRLF Ln 5815, Col 1

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however the current version is 9.9.

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9 tasks

File Object Tools Edit View Window Help

Object Explorer

- > MY DB
- < Servers (1)
- < PostgreSQL 17
 - < Databases (6)
 - < airport_2
 - < Casts
 - < Catalogs
 - < Event Triggers
 - < Extensions
 - < Foreign Data Wrappers
 - < Languages
 - < Publications
 - < Schemas (1)
 - < public
 - < Aggregates
 - < Collations
 - < Domains
 - < FTS Configurations
 - < FTS Dictionaries
 - < FTS Parsers
 - < FTS Templates
 - < Foreign Tables
 - < Functions
 - < Materialized Views
 - < Operators
 - < Procedures
 - < Sequences
 - < Tables (10)
 - < airline
 - < Columns (6)
 - airline_id
 - airline_code
 - airline_name
 - airline_country
 - created_at
 - update_at
 - < Constraints
 - < Indexes

Query Query History

```
--9
CREATE OR REPLACE VIEW tb AS
SELECT flight_id, flight_no, scheduled_departure, airline_id
FROM flights
WHERE scheduled_departure = '2024-01-01';
SELECT * FROM tb;
```

Data Output Messages Notifications

	flight_id	flight_no	scheduled_departure	airline_id
1	410	US-OK	2024-01-01	8
2	730	US-AK	2024-01-01	10

Showing rows: 1 to 2 | Page No: 1 of 1 | < << > >> |

Total rows: 2 Query complete 00:00:00.170 CRLF Ln 5840, Col 1

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10 task

File Object Tools Edit View Window Help

Object Explorer

- > MY DB
- < Servers (1)
- < PostgreSQL 17
 - < Databases (6)
 - < airport_2
 - < Casts
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 - < FTS Configurations
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 - < Tables (10)
 - < airline
 - < Columns (6)
 - airline_id
 - airline_code
 - airline_name
 - airline_country
 - created_at
 - update_at
 - < Constraints
 - < Indexes

Query Query History

```
5849 SELECT flight_id, flight_no, scheduled_departure, airline_id
5850 FROM flights
5851 WHERE scheduled_departure = '2024-01-01';
5852 SELECT * FROM tb;
5853
5854
5855 DROP VIEW IF EXISTS flight, book_f, popular_flights, show_flight, modif,
5856 delayed_flight, platforms,top10_countries,tb
5857 CASCADE;
5858
5859
5860
5861
5862
5863
5864
5865
5866
```

Data Output Messages Notifications

DROP VIEW

Query returned successfully in 88 msec.

Total rows: 0 Query complete 00:00:00.088 CRLF Ln 5862, Col 1

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