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Airport/postgres@PostgreSQL 17

No limit

Query | Query History

Scratch Pad

```
5415  ---------------------- Lab 6
5416  -- 1
5417  SELECT * FROM flights WHERE airline_id = 1;
5418
```

Data Output | Messages | Notifications

Showing rows: 1 to 32 | Page No: 1 of 1

	flight_id [PK] integer	flight_no character varying (50)	scheduled_departure date	scheduled_arrival date	departure_airport_id integer	arrival_airport_id integer	departing_gate character varying (50)	arriving_gate character varying (50)	airline_id integer	status character varying (50)	actual_departure date
1	13	BR-PE	2024-01-16	2023-06-02	13	20	1891	5429	1	Delayed	2023-08-19
2	33	MZ-G	2023-09-21	2023-11-29	4	19	[null]	9380	1	Delayed	2023-04-14
3	36	AU-NT	2023-03-29	2023-05-06	12	14	[null]	13	1	Delayed	2023-12-30
4	73	FR-K	2023-12-26	2023-04-30	18	9	144	23	1	Delayed	2024-01-17
5	78	US-VT	2023-08-28	2023-08-02	20	11	335	515	1	Delayed	2023-09-04
6	143	PH-BUK	2023-08-20	2023-10-24	12	9	919	1330	1	Delayed	2023-04-13
7	170	SD-01	2023-12-02	2023-12-17	3	20	897	1147	1	Delayed	2023-12-22
8	175	PA-8	2023-03-19	2023-08-21	19	19	150	38	1	Boarding	2023-12-25
9	185	NA-KU	2023-06-26	2023-12-04	6	5	2000	996	1	Delayed	2024-02-14
10	221	US-CT	2023-11-07	2023-05-03	20	18	30	100	1	Boarding	2023-09-07
11	222	RU-CU	2023-04-16	2023-09-15	9	12	558	33	1	Boarding	2023-04-22
12	274	BE-VAN	2023-05-03	2023-06-01	13	6	53	57	1	Boarding	2023-05-16
13	318	US-AK	2024-03-01	2023-11-27	3	9	[null]	31	1	Boarding	2024-01-12
14	332	PG-NSB	2023-11-26	2023-12-05	8	20	230	13	1	Boarding	2023-03-24
15	346	US-MS	2023-03-28	2023-10-25	15	18	298	16	1	Boarding	2023-09-13
16	357	JP-41	2023-10-05	2023-12-01	12	6	6	714	1	Boarding	2023-07-18
17	446	KH-9	2023-06-12	2024-01-26	12	13	[null]	1			

Successfully run. Total query runtime: 261 msec. 32 rows affected.

Total rows: 32 | Query complete 00:00:00.261 | CRLF | Ln 5417, Col 1

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No limit

Query | Query History

Scratch Pad

```
5419  -- 2
5420  SELECT f.flight_id, f.flight_no, f.departure_airport_id, a.airport_name FROM flights f JOIN airport a
5421  ON f.departure_airport_id = a.airport_id;
```

Data Output | Messages | Notifications

Showing rows: 1 to 1000 | Page No: 1 of 1

	flight_id integer	flight_no character varying (50)	departure_airport_id integer	airport_name character varying (50)
1	1	US-CT	12	Elorza Airport
2	2	US-NM	13	Figari Sud-Corse Airport
3	3	FI-OL	18	Darchula Airport
4	4	RU-KR	3	Lime Acres Finsch Mine Airport
5	5	RO-DJ	6	Hana Airport
6	6	CA-SK	18	Darchula Airport
7	7	AU-TAS	15	Ocean Falls Seaplane Base
8	8	US-AZ	13	Figari Sud-Corse Airport
9	9	IN-OR	6	Hana Airport
10	10	AU-NT	19	Longana Airport
11	11	TH-57	5	Delta County Airport
12	12	CA-NL	12	Elorza Airport
13	13	BR-PE	13	Figari Sud-Corse Airport
14	14	US-IN	18	Darchula Airport
15	15	ML-2	1	Akunaq Heliport
16	16	NA-CA	16	Zephyrhills Municipal Airport
17	17	ES-AN	13	Figari Sud-Corse Airport

Successfully run. Total query runtime: 325 msec. 1000 rows affected.

Total rows: 1000 | Query complete 00:00:00.325 | CRLF | Ln 5420, Col 1

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Welcome | Lab6.sql

Airport/postgres@PostgreSQL 17

No limit

Query | Query History

Scratch Pad

```
5423  -- 3
5424  SELECT * FROM airline EXCEPT SELECT a.* FROM airline a JOIN flights f ON
5425  (EXTRACT(MONTH FROM f.scheduled_departure) = 11 AND EXTRACT(YEAR FROM f.scheduled_departure) = 2025) ORDER BY airline_id;
```

Data Output | Messages | Notifications

Showing rows: 1 to 50 | Page No: 1 of 1

	airline_id integer	airline_code character varying (50)	airline_name character varying (50)	airline_country character varying (50)	created_at date	update_at date
1	1	SCIP	IPC	Russia	2023-12-02	2023-09-18
2	2	YPDA	PDN	Brazil	2024-01-15	2023-11-23
3	3	FKKH	KLE	Slovenia	2023-12-16	2023-05-23
4	4	OOKB	KHS	France	2023-11-18	2024-02-18
5	5	CYLQ	YLQ	Kazakhstan	2023-03-23	2023-07-26
6	6	FANG	NGL	Panama	2023-11-27	2024-02-03
7	7	SSZS	0	Iran	2023-11-02	2024-01-16
8	8	SNIG	QIG	Greece	2023-12-07	2023-08-01
9	9	KNQX	NQX	Venezuela	2024-03-16	2023-09-16
10	10	LFKS	SOZ	Indonesia	2023-07-10	2023-09-20
11	11	FMNZ	IVA	Philippines	2023-06-14	2023-07-29
12	12	EDCK	KOQ	Russia	2023-11-04	2023-08-17
13	13	OIFE	IFH	Portugal	2024-01-09	2023-11-09
14	14	KPIR	PIR	China	2023-04-02	2023-08-20
15	15	SYKZ	KKG	Poland	2023-12-24	2023-10-30
16	16	KDUC	DUC	Poland	2023-05-28	2023-06-03
17	17	[null]	YLP	Brazil	2023-10-30	2023-07-13

Successfully run. Total query runtime: 110 msec. 50 rows affected.

Total rows: 50 | Query complete 00:00:00.110 | CRLF | Ln 5424, Col 1

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No limit

Query | Query History

Scratch Pad

```
5427  -- 4
5428  SELECT p.* FROM passengers p JOIN booking b ON p.passenger_id = b.passenger_id JOIN booking_flight bf ON b.booking_id = bf.booking_id
5429  JOIN flights f ON bf.flight_id = f.flight_id WHERE f.flight_id = 5;
```

Data Output | Messages | Notifications

Showing rows: 1 to 3 | Page No: 1 of 1

	passenger_id [PK] integer	first_name character varying (50)	last_name character varying (50)	date_of_birth date	gender character varying (50)	country_of_citizenship character varying (50)	country_of_residence character varying (50)	passport_number character varying (50)	created_at date	update_at date
1	100	Glynis	Marle	1989-12-25	Female	China	Guatemala	209933120-0	2024-01-03	2023-08-02
2	159	Vivyan	Mallabone	2009-11-01	Female	Colombia	Ireland	319128472-9	2023-12-08	2023-03-19
3	172	Jodi	Ramm	1992-07-16	Male	New Zealand	Ukraine	883490061-8	2023-03-22	2023-04-28

Successfully run. Total query runtime: 184 msec. 3 rows affected.

Total rows: 3 | Query complete 00:00:00.184 | CRLF | Ln 5428, Col 1

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File Object Tools Edit View Window Help

Welcome | Lab6.sql

Airport/postgres@PostgreSQL 17

No limit

Query | Query History

Scratch Pad

```
5431  -- 5
5432  SELECT f.flight_id, AVG(DISTINCT b.price)::numeric(10, 2), SUM(b.price)::numeric(10, 2), MAX(b.price), MIN(b.price)
5433  FROM booking b JOIN booking_flight bf ON b.booking_id = bf.booking_id JOIN flights f ON bf.flight_id = f.flight_id GROUP BY f.flight_id;
```

Data Output | Messages | Notifications

Showing rows: 1 to 614 | Page No: 1 of 1

	flight_id [PK] integer	avg numeric (10,2)	sum numeric (10,2)	max numeric	min numeric
1	1	7368.73	7368.73	7368.73	7368.73
2	2	2520.04	2520.04	2520.04	2520.04
3	3	1638.75	1638.75	1638.75	1638.75
4	4	4044.13	4044.13	4044.13	4044.13
5	5	6872.57	20617.70	9609.91	1925.47
6	6	5924.03	5924.03	5924.03	5924.03
7	7	693.15	693.15	693.15	693.15
8	9	917.99	917.99	917.99	917.99
9	11	7672.65	23017.95	9977.57	5217.69
10	12	6999.97	13999.93	8217.56	5782.37
11	13	5112.79	10225.58	7816.98	2408.60
12	15	2666.48	2666.48	2666.48	2666.48
13	16	7758.98	15517.95	7999.80	7518.15
14	20	943.67	943.67	943.67	943.67
15	21	7934.52	15869.04	8500.31	7368.73
16	24	3283.89	3283.89	3283.89	3283.89
17	25	5875.91	11751.81	8968.64	2783.17

✓ Successfully run. Total query runtime: 192 msec. 614 rows affected.

Total rows: 614 | Query complete 00:00:00.192 | CRLF | Ln 5432, Col 1

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File Object Tools Edit View Window Help

Welcome | Lab6.sql

Airport/postgres@PostgreSQL 17

No limit

Query | Query History

```
5435  -- 6
5436  SELECT f.* FROM flights f JOIN airport a ON f.arrival_airport_id = a.airport_id WHERE a.country = 'China';
5437
```

Scratch Pad

Data Output | Messages | Notifications

SQL

Showing rows: 1 to 238 | Page No: 1 of 1

	flight_id [PK] integer	flight_no character varying (50)	scheduled_departure date	scheduled_arrival date	departure_airport_id integer	arrival_airport_id integer	departing_gate character varying (50)	arriving_gate character varying (50)	airline_id integer	status character varying (50)	actual_departure date
1	3	FI-OL	2023-03-29	2023-08-01	18	12	47	9	34	Boarding	2024-02-21
2	9	IN-OR	2023-05-18	2023-09-19	6	9	659	621	13	Delayed	2023-06-17
3	13	BR-PE	2024-01-16	2023-06-02	13	20	1891	5429	1	Delayed	2023-08-19
4	14	US-IN	2023-07-24	2024-02-27	18	3	973	297	8	Delayed	2024-03-04
5	23	CN-65	2023-03-21	2024-01-08	2	3	934	3006	17	Boarding	2023-04-21
6	24	BR-TO	2024-03-09	2023-11-22	3	9	561	242	19	Delayed	2023-10-06
7	25	MZ-P	2024-01-22	2023-09-05	15	12	27	[null]	49	Delayed	2023-07-08
8	34	US-AK	2024-02-08	2023-10-20	11	3	38	13	47	Departed	2023-12-09
9	39	PG-MPL	2023-11-23	2023-06-05	12	12	2950	505	42	Boarding	2024-01-14
10	41	ID-BA	2023-12-30	2023-04-04	2	9	14	5586	16	Boarding	2023-05-10
11	45	CA-NU	2024-01-29	2023-04-28	5	20	21	2965	24	Boarding	2024-01-22
12	47	US-TN	2024-03-09	2023-12-31	10	20	599	63	29	Delayed	2024-03-05
13	57	CN-51	2024-02-20	2023-11-15	1	3	1620	7	7	Boarding	2023-06-23
14	61	AU-WA	2023-05-16	2024-03-14	1	12	1217	13	10	Delayed	2023-08-18
15	65	CL-AR	2024-02-11	2023-12-16	17	20	304	3400	49	Delayed	2024-02-06
16	73	FR-K	2023-12-26	2023-04-30	18	9	144	23	1	Delayed	2024-01-17
17	74	BS-FP	2023-04-11	2023-12-12	6	3	5				

Successfully run. Total query runtime: 173 msec. 238 rows affected.

Total rows: 238 | Query complete 00:00:00.173 | CRLF | Ln 5437, Col 1

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Welcome | Lab6.sql

Airport/postgres@PostgreSQL 17

No limit

Query | Query History

Scratch Pad

```
5438  -- 7
5439  SELECT p.first_name || ' ' || p.last_name AS full_name, a.airport_name FROM passengers p JOIN booking b ON p.passenger_id = b.passenger_id
5440  JOIN booking_flight bf ON b.booking_id = bf.booking_id JOIN flights f ON bf.flight_id = f.flight_id JOIN airport a
5441  ON f.arrival_airport_id = a.airport_id WHERE EXTRACT(YEAR FROM AGE(CURRENT_DATE, p.date_of_birth)) < 18;
```

Data Output | Messages | Notifications

Showing rows: 1 to 37 | Page No: 1 of 1

	full_name text	airport_name character varying (50)
1	Vivyan Mallabone	Alert Bay Airport
2	Lester Blades	Armidale Airport
3	Lester Blades	Figari Sud-Corse Airport
4	Cleve Edgeler	Industrial Airpark
5	Bradley Grolle	Armidale Airport
6	Cleve Edgeler	Fort Worth Alliance Airport
7	Gwennie Chinnery	Elorza Airport
8	Cleve Edgeler	Garbaharey Airport
9	Vivyan Mallabone	Hana Airport
10	Bradley Grolle	Lime Acres Finsch Mine Airport
11	Vivyan Mallabone	Elorza Airport
12	Ronnica Laybourn	Hana Airport
13	Vivyan Mallabone	Zephyrhills Municipal Airport
14	Vivyan Mallabone	Hana Airport
15	Vivyan Mallabone	Darchula Airport
16	Cleve Edgeler	Industrial Airpark

Successfully run. Total query runtime: 141 msec. 37 rows affected.

Total rows: 37 | Query complete 00:00:00.141 | CRLF | Ln 5439, Col 1

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File Object Tools Edit View Window Help

Welcome | Lab6.sql

Airport/postgres@PostgreSQL 17

No limit

Query | Query History

Scratch Pad

```
5443  -- 8
5444  SELECT p.first_name || ' ' || p.last_name AS full_name, p.passport_number, f.actual_arrival FROM passengers p JOIN booking b
5445  ON p.passenger_id = b.passenger_id JOIN booking_flight bf ON b.booking_id = bf.booking_id JOIN flights f ON bf.flight_id = f.flight_id;
5446
```

Data Output | Messages | Notifications

Showing rows: 1 to 1000 | Page No: 1 of 1

	full_name text	passport_number character varying (50)	actual_arrival date
1	Muhammad Fass	109932770-9	2023-07-18
2	Trevar Broun	788025864-7	2024-02-11
3	Auria Breffit	570537341-4	2023-07-11
4	Archie Toffel	677556708-1	2023-06-17
5	Sanders Biddles	514546405-3	2023-09-05
6	Sanders Biddles	514546405-3	2024-03-01
7	Remington Piggot	470074456-1	2023-05-31
8	Glynis Marle	209933120-0	2024-02-02
9	Cesaro McGennis	364900190-X	2023-04-03
10	Con Borrel	837859465-3	2024-02-15
11	Lorianna Robbie	435354132-3	2024-01-19
12	Brad Apperley	842288763-0	2024-02-10
13	Jennee Kamienski	120932446-6	2023-11-17
14	Lonnard Bode	362035663-7	2023-08-21
15	Franny Orry	000096160-4	2024-02-26
16	Ynez Bortoloni	452789268-1	2024-01-12

Successfully run. Total query runtime: 129 msec. 1000 rows affected.

Total rows: 1000 | Query complete 00:00:00.129 | CRLF | Ln 5444, Col 1

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Welcome | Lab6.sql

Airport/postgres@PostgreSQL 17

No limit

Query | Query History

Scratch Pad

```
5446
5447  -- 9
5448  SELECT f.* FROM flights f JOIN airport ap ON f.departure_airport_id = ap.airport_id JOIN airline al ON f.airline_id = al.airline_id
5449  WHERE ap.country = al.airline_country ORDER BY ap.country;
```

Data Output | Messages | Notifications

Showing rows: 1 to 74 | Page No: 1 of 1

	flight_id [PK] integer	flight_no character varying (50)	scheduled_departure date	scheduled_arrival date	departure_airport_id integer	arrival_airport_id integer	departing_gate character varying (50)	arriving_gate character varying (50)	airline_id integer	status character varying (50)	actual_departure date
1	579	CL-AR	2023-06-28	2023-07-01	13	13	304	286	17	Delayed	2023-04-25
2	141	SB-WE	2023-11-29	2023-09-26	13	6	32	31	2	Delayed	2023-10-18
3	948	US-WA	2023-09-09	2023-04-01	13	8	209	2034	17	Delayed	2023-04-22
4	783	PG-WPD	2023-03-22	2023-06-23	13	17	88	46	17	Delayed	2023-10-16
5	333	IT-45	2023-10-02	2023-08-04	13	1	97	17	41	Delayed	2023-12-31
6	88	AU-WA	2023-03-27	2023-10-02	20	10	29	4	42	Boarding	2023-09-14
7	132	IN-MP	2024-01-10	2023-03-18	3	3	1711	25	20	Delayed	2023-05-10
8	155	TH-21	2023-11-03	2023-08-20	9	8	42	4458	31	Boarding	2023-09-16
9	172	ES-CN	2023-05-11	2024-01-15	20	5	2076	651	48	Delayed	2023-04-15
10	182	CR-A	2023-07-04	2023-08-21	11	20	3021	2060	31	Delayed	2023-10-27
11	207	BS-NP	2023-08-04	2023-04-20	11	12	[null]	26	44	Boarding	2023-07-02
12	213	US-WI	2023-11-22	2024-02-20	3	4	918	3314	14	Delayed	2023-11-02
13	232	CA-ON	2023-07-13	2023-11-07	3	13	832	580	14	Delayed	2024-02-05
14	248	CH-NE	2023-08-22	2023-09-20	20	20	1427	11	14	Boarding	2024-02-07
15	288	CA-ON	2023-12-30	2023-03-30	3	6	1354	967	14	Boarding	2024-03-09
16	289	US-NE	2023-11-28	2023-10-15	12	19	1573	3			

Successfully run. Total query runtime: 189 msec. 74 rows affected.

Total rows: 74 | Query complete 00:00:00.189 | CRLF | Ln 5448, Col 1