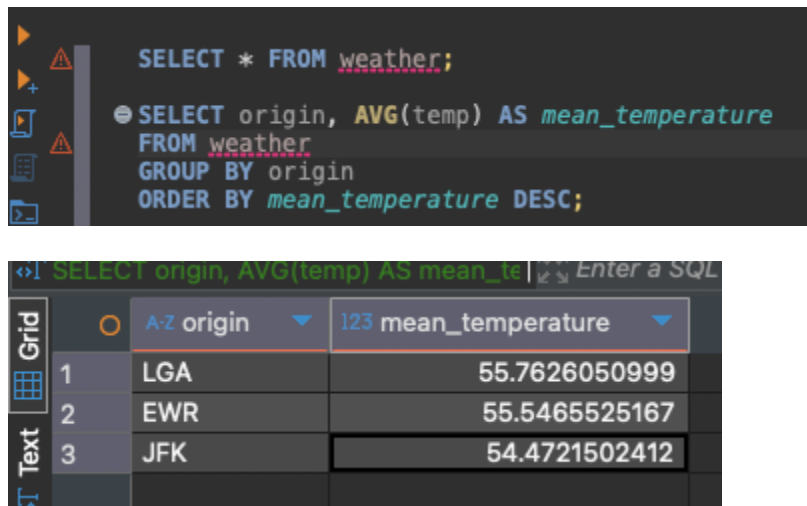


**GitHub Repository URL:** <https://github.com/Hwangster1/SQL>

**Name:** Andrew Hwang

Use DBeaver for all of these exercises.

1. What is the mean temperature for flights from each airport?



The screenshot shows the DBeaver SQL editor with the following query:

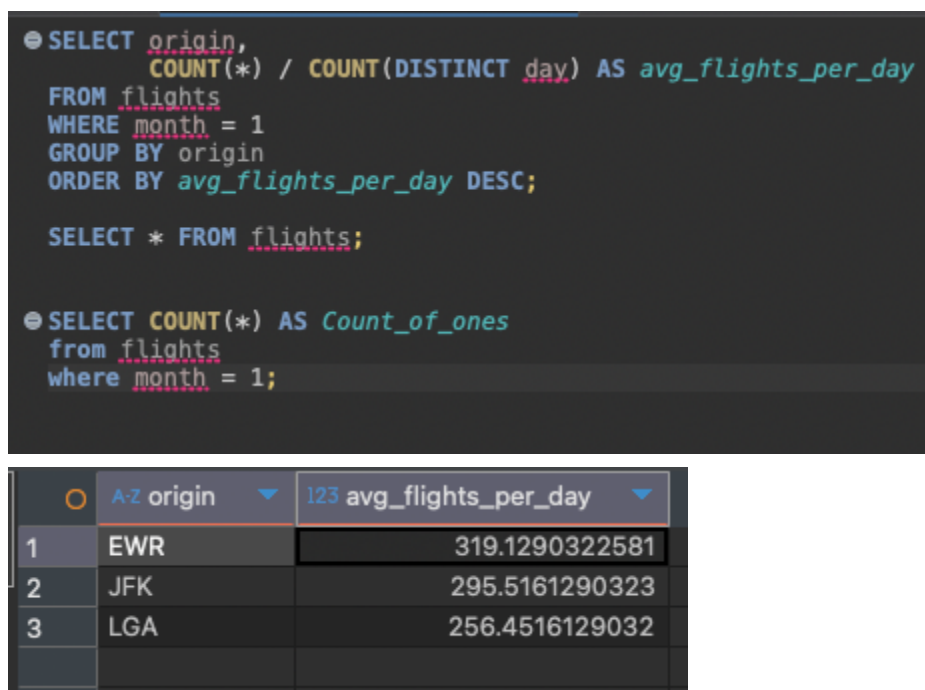
```
SELECT * FROM weather;

SELECT origin, AVG(temp) AS mean_temperature
FROM weather
GROUP BY origin
ORDER BY mean_temperature DESC;
```

Below the editor, the results grid is displayed with the following columns: "A-Z origin" and "123 mean\_temperature". The data is as follows:

	A-Z origin	123 mean_temperature
1	LGA	55.7626050999
2	EWR	55.5465525167
3	JFK	54.4721502412

2. What is the average number of flights from each airport per day in January?



The screenshot shows the DBeaver SQL editor with the following queries:

```
SELECT origin,
COUNT(*) / COUNT(DISTINCT day) AS avg_flights_per_day
FROM flights
WHERE month = 1
GROUP BY origin
ORDER BY avg_flights_per_day DESC;

SELECT * FROM flights;

SELECT COUNT(*) AS Count_of_ones
from flights
where month = 1;
```

Below the editor, the results grid is displayed with the following columns: "A-Z origin" and "123 avg\_flights\_per\_day". The data is as follows:

	A-Z origin	123 avg_flights_per_day
1	EWR	319.1290322581
2	JFK	295.5161290323
3	LGA	256.4516129032

3. What are the top destinations for each airport?

```
SELECT origin, dest AS destination_airport, COUNT(*) AS flight_count
FROM flights
WHERE origin = 'EWR'
GROUP BY origin, dest
ORDER BY flight_count DESC
LIMIT 1;
```

Ctrl+click to open SQL console			
	origin	destination_airport	flight_count
1	EWR	ORD	6,100

```
SELECT origin, dest AS destination_airport, COUNT(*) AS flight_count
FROM flights
WHERE origin = 'JFK'
GROUP BY origin, dest
ORDER BY flight_count DESC
LIMIT 1;
```

	A-Z origin	A-Z destination_airport	flight_count
1	JFK	LAX	11,262

```
SELECT origin, dest AS destination_airport, COUNT(*) AS flight_count
FROM flights
WHERE origin = 'LGA'
GROUP BY origin, dest
ORDER BY flight_count DESC
LIMIT 1;
```

	A-Z origin	A-Z destination_airport	flight_count
1	LGA	ATL	10,263