

Query Flight Data with Natural Language

Ask questions about the flight data, such as finding the best or busiest times.

e.g., "What are the 3 hours with the lowest average arrival delay?"

What are the top 10 flights with the lowest average arrival delay

```
SELECT flight_id, AVG(epoch(CAST(actual_time AS TIMESTAMP)) - epoch(CAST(sched_time AS TIMESTAMP))) / 60 AS avg_delay_minutes
FROM flights
GROUP BY flight_id
ORDER BY avg_delay_minutes ASC
LIMIT 10;
```

	flight_id	avg_delay_minutes
0	A1934-638	-5
1	A1259-341	-5
2	A1142-643	-5

Ask me questions about flights and I'll answer from the analysis!

Or select a common query: ?

busiest slot ▼

Or enter your query (e.g., 'busiest slot'):

Busiest Slot

The busiest slot at the airport is between 6:00 PM - 9:00 PM with the highest number of departures.

Ask me questions about flights and I'll answer from the analysis!

Or select a common query: ?

best time for landing ▼

Or enter your query (e.g., 'busiest slot'):

Best Time For Landing

The best time for landing is late night (10:00 PM - 12:00 AM) with least congestion.

Ask me questions about flights and I'll answer from the analysis!

Or select a common query: ?

least delayed aircraft ▼

Or enter your query (e.g., 'busiest slot'):

Least Delayed Aircraft

The ATR72 has the least average delay, making it the most reliable.

Ask me questions about flights and I'll answer from the analysis!

Or select a common query:



most delayed route



Or enter your query (e.g., 'busiest slot'):

Most Delayed Route

The HYD-DEL route experiences maximum delays during weekdays.

Ask me questions about flights and I'll answer from the analysis!

Or select a common query:



most reliable day



Or enter your query (e.g., 'busiest slot'):

Most Reliable Day

Wednesday has the least delays and is the most reliable day to fly.

Ask me questions about flights and I'll answer from the analysis!

Or select a common query:



worst day



Or enter your query (e.g., 'busiest slot'):

Worst Day

Monday records the maximum delays, making it the worst day to travel.