# Find Flights Departing Today

SELECT \* FROM airflight

WHERE DATE(departure\_time) = CURDATE();

SELECT \* FROM airflight

WHERE DATE(departure\_time) = CURTIME();

SELECT \* FROM airflight

WHERE DATE(departure\_time) = NOW();

# Find Flights Departing in the Next 7 Days:

SELECT \* FROM airflight

WHERE departure\_time BETWEEN NOW() AND DATE\_ADD(NOW(), INTERVAL 7 DAY);

# Calculate Flight Duration

SELECT flight\_number,

departure\_time,

arrival\_time,

TIMESTAMPDIFF(HOUR, departure\_time, arrival\_time)

AS duration\_hours

FROM airflight;

# Flights Departing in the Morning:

SELECT \* FROM airflight

WHERE HOUR(departure\_time) BETWEEN 6 AND 12;

# Which airlines have the most booked seats?

SELECT airline, SUM(booked\_seats) AS total\_booked\_seats

FROM airflight

GROUP BY airline

ORDER BY total\_booked\_seats DESC;

# How many flights are scheduled for each departure date?

SELECT DATE(departure\_time) AS departure\_date, COUNT(\*) AS total\_flights

FROM airflight

GROUP BY departure\_date

ORDER BY departure\_date;

# What is the flight with the maximum delay?

SELECT flight\_id, flight\_number, TIMESTAMPDIFF(MINUTE, departure\_time, arrival\_time) AS flight\_delay

FROM airflight

WHERE status = 'Delayed'

ORDER BY flight\_delay DESC

LIMIT 1;

# How many flights depart from each airport in the next 30 days?

SELECT departure\_airport, COUNT(\*) AS total\_flights

FROM airflight

WHERE departure\_time BETWEEN NOW() AND DATE\_ADD(NOW(), INTERVAL 30 DAY)

GROUP BY departure\_airport;