# Airbnb

As a Data Analyst on the Airbnb Stays team, you are tasked with evaluating host response times to guest inquiries....

Question 1: What is the minimum host response time in hours for guest inquiries in January 2024? This metric will help identify if any hosts are setting an exceptionally quick response standard.

```sql
SELECT MIN(response_time_hours) AS min_response_time
FROM fct_guest_inquiries
WHERE TO_CHAR(inquiry_date, 'YYYY-MM') = '2024-01';
```
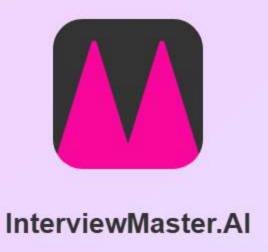
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Question 2: For guest inquiries made in January 2024, what is the average host response time rounded to the nearest hour? This average will provide insight into overall host responsiveness.

```sql
SELECT ROUND(AVG(response_time_hours)) AS avg_response_time
FROM fct_guest_inquiries
WHERE TO_CHAR(inquiry_date, 'YYYY-MM') = '2024-01';
```

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Question 3: List the inquiry_id and response_time_hours for guest inquiries made between January 16th and January 31st, 2024 that took longer than 2 hours to respond. This breakdown will help pinpoint hosts with slower response times.

```sql
SELECT
  inquiry_id,
  response_time_hours
FROM fct_guest_inquiries
WHERE inquiry_date BETWEEN DATE '2024-01-16' AND DATE '2024-01-31'
  AND response_time_hours > 2;
```