Uber

You are a Product Analyst working to understand driver ride selection challenges across different geographic zones....

Question 1: For each geographic zone, what is the minimum acceptance rate observed during Quarter 2 2024? This information will help assess the worst-case driver acceptance performance by zone.

```sql
SELECT
    zone_name,
    MIN(acceptance_rate) AS min_acceptance_rate
FROM fct_zone_daily_rides
WHERE ride_date BETWEEN DATE '2024-04-01' AND DATE '2024-06-30'
GROUP BY zone_name;
```

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Question 2: List the distinct geographic zones that had at least one day in Quarter 2 2024 with an acceptance rate below 50%. This list will be used to identify zones where drivers are generally more reluctant to accept rides.

```sql
SELECT DISTINCT zone_name
FROM fct_zone_daily_rides
WHERE ride_date BETWEEN DATE '2024-04-01' AND DATE '2024-06-30'
  AND acceptance_rate < 0.5;
```

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Question 3: Which geographic zone had the lowest ride acceptance rate on a single day in Q2 2024, while also having at least 10 declined ride requests on that same day? Recall that each row in the table represents data for a single data in a single geographic region.

 This helps us identify specific zone-day combinations where acceptance was especially poor, to guide targeted improvements.

```sql
SELECT
  zone_name,
  acceptance_rate
FROM fct_zone_daily_rides
WHERE ride_date BETWEEN DATE '2024-04-01' AND DATE '2024-06-3
0'
  AND declined_requests >= 10
ORDER BY acceptance_rate
LIMIT 1;
```