Walmart

You are a Data Analyst on the Walmart Pharmacy team tasked with evaluating patient consultation privacy concerns....

Question 1: What are the names of the 3 pharmacies that conducted the fewest number of consultations in July 2024? This will help us identify locations with potentially less crowded consultation spaces.

```sql
SELECT
  pharmacy_name,
  COUNT(consultation_id) AS number_consultation
FROM fct_consultations
WHERE consultation_date BETWEEN DATE '2024-07-01' AND DATE '2024-07-31'
GROUP BY pharmacy_name
ORDER BY number_consultation
LIMIT 3;
```

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Question 2: For the pharmacies identified in the previous question (ie. the 3 pharmacies with a fewest consultations in July 2024), what is the uppercase version of the consultation room types available? Understanding the room types can provide insights into the privacy features offered.

```sql
WITH least3 AS (
  SELECT pharmacy_name
  FROM fct_consultations
  WHERE consultation_date BETWEEN DATE '2024-07-01' AND DATE
'2024-07-31'
  GROUP BY pharmacy_name
  ORDER BY COUNT(consultation_id)
  LIMIT 3
)
SELECT DISTINCT UPPER(consultation_room_type) AS room_type_upp
er
FROM fct_consultations
WHERE pharmacy_name IN (SELECT pharmacy_name FROM least3);
```

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Question 3: So far, we have identified the 3 pharmacies with a fewest consultations in July 2024. Among these 3 pharmacies, what is the minimum privacy level score for each consultation room type in July 2024?

```sql
WITH least3 AS (
  SELECT pharmacy_name
  FROM fct_consultations
  WHERE consultation_date BETWEEN DATE '2024-07-01' AND DATE
'2024-07-31'
  GROUP BY pharmacy_name
  ORDER BY COUNT(consultation_id)
  LIMIT 3
)
SELECT
  consultation_room_type,
  MIN(privacy_level_score) AS min_privacy_score
FROM fct_consultations
WHERE pharmacy_name IN (SELECT pharmacy_name FROM least3)
  AND consultation_date BETWEEN DATE '2024-07-01' AND DATE '20
24-07-31'
GROUP BY consultation_room_type;
```

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