

Day 07-08

3 Bed Minimum

Find the average number of beds in each neighborhood that has at least 3 beds in total.

Output results along with the neighborhood name and sort the results based on the number of average beds in descending order.

```
select neighbourhood, avg(beds) as avg_beds
from airbnb_search_details
group by neighbourhood
having sum(beds) >= 3
order by avg_beds desc;
```

Number Of Bathrooms And Bedrooms

Find the average number of bathrooms and bedrooms for each city's property types. Output the result along with the city name and the property type.

```
select avg(bathrooms) as avg_bathrooms,
       avg(bedrooms) as avg_bedrooms ,
       city, property_type
from airbnb_search_details
group by city, property_type;
```

Guest Or Host Kindness

Find whether hosts or guests give higher review scores based on their average review scores. Output the higher of the average review score rounded to the 2nd decimal spot (e.g., 5.11).

```
with cte as(
  select round(avg(review_score), 2) as avg_reviews, from_type
  from airbnb_reviews
  where from_type = 'guest' or from_type = 'host'
  group by from_type
)
```

```
select * from cte
where avg_reviews = ( select MAX(avg_reviews) from cte);
```

Gender With Generous Reviews

Write a query to find which gender gives a higher average review score when writing reviews as guests. Use the `from_type` column to identify guest reviews. Output the gender and their average review score.

```
select avg(a.review_score) as avg_review, b.gender
from airbnb_reviews as a
INNER JOIN airbnb_guests as b
on a.from_user = b.guest_id
where a.from_type = 'guest'
group by b.gender
order by avg_review desc limit 1;
```

Cheapest Properties

Find the price of the cheapest property for every city.

```
select city, min(price)
from airbnb_search_details
group by city
order by price asc ;
```