

- How many organisations in total?

Query: **select count(distinct(id)) from** organisations

Answer: 100

Time: 9ms

- How many organisations do not have offer\_requests?

Query: **select count(distinct(id)) from** organisations **where id not in ( select distinct(organisation\_id) from offer\_requests )**

Answer: 0

Time: 65ms

- How many organisations have offer\_requests?

Query: **select count(distinct(id)) from** organisations o **where id in (select distinct(organisation\_id) from offer\_requests or2 )**

Answer: 100

Time: 24ms

- How many organisations have no offers?

Query: **select count(distinct(id)) from** organisations o **where id not in (select distinct(organisation\_id) from offers o2 )**

Answer : 0

Time: 80ms

- Which organisation has maximum offers and how many offers?

Query:

**select** o2.org\_name **as** organisation\_name ,**count(distinct(o.id)) as** no\_of\_offers **from** offers o **left join** organisations o2 **on** o2.id = o.organisation\_id **group by** 1**order by 2 desc limit 1**

Answer:

| org_name          | no_of_offers |
|-------------------|--------------|
| moaning_turquoise | 10,915       |

Time: 2.28s

- Which organisation has minimum offers and how many offers?

Query:

**select** o2.org\_name ,**count(distinct(o.id)) as** no\_of\_offers **from** offers o **left join** organisations o2 **on** o2.id = o.organisation\_id **group by** 1**order by 2 asc limit 1**

Answer:

| org_name | no_of_offers |
|----------|--------------|
|----------|--------------|

|                    |            |
|--------------------|------------|
| <b>native_lime</b> | <b>420</b> |
|--------------------|------------|

Time: 1.474s

- Which organisation has minimum orders and how many orders?

Query: **select** o2.org\_name ,**count**(**distinct**(o3.id)) **as** no\_of\_orders  
**from** orders o3  
**left join** organisations o2  
**on** o2.id = o3.organisation\_id  
**group by** 1  
**order by** 2 **asc**  
**limit** 1

Answer:

|                        |              |
|------------------------|--------------|
| org_name               | no_of_orders |
| <b>accessible_aqua</b> | <b>1</b>     |

Time: 119ms

- Which organisation has the maximum total amount of offers and what is the amount?

Query: **select** o2.org\_name ,**sum**(total\_amount) **as** total\_amount  
**from** offers o  
**left join** organisations o2  
**on** o2.id = o.organisation\_id  
**group by** 1  
**order by** 2 **desc**  
**limit** 1

Answer:

|                          |                  |
|--------------------------|------------------|
| org_name                 | total_amount     |
| <b>moaning_turquoise</b> | <b>324947704</b> |

Time: 124ms

—

- Which organisation has the maximum total amount of orders and what is the amount?

Query: **select** o2.org\_name ,**sum**(total\_amount) **as** order\_amount  
**from** orders o3  
**left join** organisations o2  
**on** o2.id = o3.organisation\_id  
**group by** 1  
**order by** 2 **desc**  
**limit** 1

Answer:

| org_name             | Order_amount   |
|----------------------|----------------|
| <b>dual_sapphire</b> | <b>1123713</b> |

Time: 4ms