

- **How many organisations in total?**

Query - `SELECT count(1) FROM organisations`

Result - 100

Run time - 87ms

- **How many organisations do not have offer\_requests?**

Query - `select count(distinct o.id) from organisations o left join offer_requests or2 on o.id =or2.organisation_id where or2.organisation_id is null`

Result - 0

Run time - 118ms

- **How many organisations have offer\_requests?**

Query - `select count(distinct o.id) from organisations o inner join offer_requests or2 on o.id =or2.organisation_id`

Result - 100

Run time - 238ms

- **How many organisations have no offers?**

Query - `select count(distinct o.id) from organisations o left join offers o2 on o.id =o2.organisation_id where o2.organisation_id is null`

Result - 0

Run time - 90ms

- Which organisation has maximum offers and how many offers?

Query - **select** o.org\_name ,**count**(o.id) **from** organisations o **inner join** offers o2 **on** o.id =o2.organisation\_id **group by** o.id,o.org\_name **order by count**(o.id) **desc limit 1**

Result -

	ABC org_name	123 count
1	meaning turquoise	109

Run time - 201ms

- Which organisation has minimum offers and how many offers?

Query - **select** o.org\_name ,**count**(o.id) **from** organisations o **inner join** offers o2 **on** o.id =o2.organisation\_id **group by** o.id,o.org\_name **order by count**(o.id) **asc limit 1**

Result -

	ABC org_name	123 count
1	native lime	

Run time - 280ms

- Which organisation has maximum orders and how many orders?

Query - `select o.org_name ,count(o.id) from organisations o inner join orders o3 on o.id =o3.organisation_id group by o.id,o.org_name order by count(o.id) desc limit 1`

Result –

	ABC org_name	123 count
1	dual_sapphire	

Run time - 200ms

- Which organisation has minimum orders and how many orders?

Query - `select o.org_name ,count(o.id) from organisations o inner join orders o3 on o.id =o3.organisation_id group by o.id,o.org_name order by count(o.id) asc limit 1`

Result –

	ABC org_name	123 count
1	adverse_red	

Run time - 81ms

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

Query - `select o.org_name,sum(o2.total_amount) total_amount  
from organisations o inner join offers o2 on o.id  
=o2.organisation_id group by o.org_name order by 2 desc limit  
1`

Result -

	ABC org_name	123 total_amo
1	moaning_turquoise	324,9

Run time - 237ms

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

Query - `select o.org_name,sum(o2.total_amount) total_amount from  
organisations o inner join orders o2 on o.id =o2.organisation_id group  
by o.org_name order by 2 desc limit 1`

Result -

	ABC org_name	123 total_amo
1	dual_sapphire	1,1

Run time - 138ms