

- How many organizations in total?

Query –

```
SELECT COUNT (DISTINCT (org_name)) AS total_organisations  
FROM organisations;
```

Result – 100

Query Run time – 27ms

- How many organisations do not have offer_requests?

Query –

```
SELECT COUNT (*) AS org_without_offerrequest  
FROM organisations AS o  
    LEFT JOIN offer_requests AS or2  
    ON o.id = or2.organisation_id  
WHERE or2. organisation_id ISNULL ;
```

Result – 0

Query Run time – 29ms

- How many organisations have offer_requests?

Query –

```
SELECT COUNT (DISTINCT (o.id)) AS org_with_offerrequest  
FROM offer_requests AS or2  
    INNER JOIN organisations AS o  
    ON or2.organisation_id = o.id;
```

Result – 100

Query Run time – 160ms

- How many organisations have no offers?

Query –

```
SELECT COUNT (DISTINCT (o.organisation_id)) AS org_without_offer
FROM offers AS o
      RIGHT JOIN organisations AS or2
      ON o.organisation_id = or2.id
WHERE o.organisation_id ISNULL;
```

Result – 0

Query Run time – 47ms

- Which organisation has maximum offers and how many offers?

Query –

```
SELECT org_name, COUNT (*) AS max_offers_comparing_all
FROM organisations AS o
      INNER JOIN offers AS or2
      ON o.id = or2.organisation_id
GROUP BY org_name
ORDER BY max_offers_comparing_all
DESC limit 1;
```

Result – moaning_turquoise,10,915

Query Run time – 138ms

- Which organisation has minimum offers and how many offers?

Query –

```
SELECT org_name, COUNT (*) AS min_offers_comparing_all
FROM organisations AS o
      INNER JOIN offers AS or2
      ON o.id = or2.organisation_id
GROUP BY org_name
ORDER BY min_offers_comparing_all
ASC limit 1;
```

Result – native_lime,420

Query Run time – 135ms

- Which organisation has maximum orders and how many orders?

Query –

```
SELECT org_name, COUNT (*) AS max_orders_compaing_all
FROM organisations AS o
      INNER JOIN orders AS or2
      ON o.id = or2.organisation_id
GROUP BY org_name
ORDER BY max_orders_compaing_all
DESC limit 1;
```

Result – dual_sapphire,32

Query Run time – 29ms

- Which organisation has minimum orders and how many orders?

Query –

```
SELECT org_name, COUNT (*) AS min_orders_compaing_all
FROM organisations AS o
      INNER JOIN orders AS or2
      ON o.id = or2.organisation_id
GROUP BY org_name
ORDER BY min_orders_compaing_all
ASC limit 1;
```

Result – hollow_amber,1

Query Run time – 28ms

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

Query –

```
SELECT org_name, sum(total_amount) AS max_total_amount_comparing_all_offers
FROM offers AS o
      INNER JOIN organisations AS or2
      ON o. organisation_id = or2.id
GROUP BY org_name
ORDER BY max_total_amount_comparing_all_offers
DESC limit 1;
```

Result – moaning_turquoise, 324,947,704

Query Run time – 142ms

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

Query –

```
SELECT org_name, sum(total_amount) AS max_total_amount_comparing_all_orders
FROM orders AS o
      INNER JOIN organisations AS or2
      ON o. organisation_id = or2.id
GROUP BY org_name
ORDER BY max_total_amount_comparing_all_orders
DESC limit 1;
```

Result – dual_sapphire, 1,123,713

Query Run time – 27ms