1) How many organizations in total?

Query-

```sql
select count(distinct org_name) from test.public.organisations;
```

Result-100

Query Runtime-41ms

2) How many organisations do not have offer_requests?

Query-

```sql
select count(distinct o.org_name) from test.public.organisations o
where o.id not in (select organisation_id from offer_requests);
```

Result- 0(Zero)

Query Runtime-69ms

3) How many organisations have offer_requests?

Query-

```sql
select count(distinct o.org_name) from test.public.organisations o
where o.id in (select organisation_id from offer_requests);
```

Result- 100

Query Runtime-68ms

4) How many organisations have no offers?

Query-

```sql
select count(distinct o.org_name) from test.public.organisations o
where o.id not in (select organisation_id from offers);
```

Result- 0

Query Runtime-68ms

5) Which organisation has maximum offers and how many offers?

Query:

```sql
select o.org_name,count(*) cnt from offers oo inner join organisations o on o.id = oo.organisation_id group by o.org_name  order by cnt desc limit 1;
```

Result- moaning_turquoise - 10915

Query Runtime-171ms

6) Which organisation has minimum offers and how many offers?

Query:

```sql
select o.org_name,count(*) cnt from offers oo inner join organisations o on o.id = oo.organisation_id group by o.org_name  order by cnt asc limit 1;
```

Result- native_lime - 420

Query Runtime-158ms

7) Which organisation has maximum orders and how many orders?

Query:

```sql
select o.org_name,count(*) cnt from orders oo inner join organisations o on o.id = oo.organisation_id group by o.org_name  order by cnt desc limit 1;
```

Result- dual_sapphire - 32

Query Runtime-47ms

8) Which organisation has minimum orders and how many orders?

Query:

```sql
select o.org_name,count(*) cnt from orders oo inner join organisations
o on o.id = oo.organisation_id group by o.org_name  order by cnt asc
limit 1;
```

Result- dhollow_amber - 1

Query Runtime-43ms

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

Query:

```sql
select o.org_name,sum(total_amount) cnt from offers oo inner join
organisations o
on o.id = oo.organisation_id group by o.org_name  order by cnt desc
limit 1;
```

Result- moaning_turquoise - 324947704

Query Runtime-169ms

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

Query:

```sql
select o.org_name,sum(total_amount) total_amt from orders oo inner join
organisations o
on o.id = oo.organisation_id group by o.org_name  order by total_amt
desc limit 1;
```

Result- dual_sapphire - 1123713

Query Runtime-38ms