-- Amount of Apps

```
SELECT COUNT(DISTINCT id) as UniqueAppIDs
from appleStore_description
SELECT COUNT(DISTINCT id) as UniqueAppIDs
from AppleStore
```

-- Check for missing values

```
SELECT COUNT(*) as MissingValues
from appleStore_description
where app_desc is null
SELECT COUNT(*) as MissingValues
from AppleStore
where track_name is null or user_rating is null or prime_genre is null
```

-- Amount of apps per genre

```
SELECT prime_genre, count (*) as NumApps
from AppleStore
group by prime_genre
order by NumApps desc
```

-- Overview of Apps Rating

```
SELECT min(user_rating) as MinRating,
        max(user_rating) as MaxRating,
        avg(user_rating) as AvgRating
FROM AppleStore
```

-- Do paid apps have higher ratings than free apps?

```
SELECT CASE
    WHEN PRICE &gt; 0 THEN 'PAID'
    ELSE 'FREE'
    END AS App_Type,
```

```
        AVG(user_rating) AS Avg_Rating
                FROM AppleStore
                GROUP BY App_Type
```

-- Do apps with more languages have higher ratings?

```
SELECT CASE
        when lang_num &lt; 10 THEN '<10 languages'
        when lang_num between 10 and 30 then '10-30 languages'
        else '>30 languages'
        end as language_bucket,
        avg(user_rating) as Avg_Rating
FROM AppleStore
group by language_bucket
order by avg_rating DESC
```

-- Is there a correlation between the description length and the ratings?

```
select CASE
        when length(b.app_desc) &lt;500 then 'Short'
        when length(b.app_desc) between 500 and 1000 then 'Medium'
        else 'Long'
        end as description_length_bucket,
        avg(a.user_rating) as average_rating
FROM
        AppleStore AS a
JOIN
        appleStore_description as b
ON
        a.id = b.id
GROUP BY description_length_bucket
ORDER BY average_rating desc
```

-- Top-rated app for each genre

```
SELECT
        prime_genre,
        track_name,
        user_rating
FROM (
                SELECT
                prime_genre,
                track_name,
                user_rating,
                rank() OVER (partition by prime_genre order by user_rating desc,
rating_count_tot desc) as rank
                from
                AppleStore
                ) AS a
WHERE
a.rank = 1
```