**Google Playstore\_Analysis Queries**

**1.Overview of Dataset:**

SELECT

COUNT(DISTINCT APP) AS total\_apps,

COUNT(DISTINCT Category) AS total\_categories

FROM googleplaystore

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**2. Exploring App Categories:**

SELECT TOP 5

Category,

COUNT(App) AS Total\_app

FROM googleplaystore

GROUP BY Category

ORDER BY Total\_app DESC

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**3. Top Rated Free Apps:**

SELECT TOP 10

App,

Category,

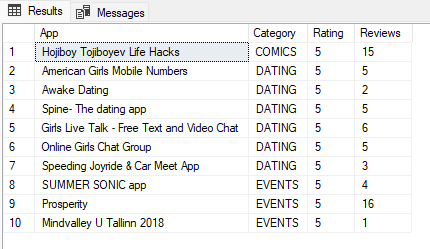
Rating,

Reviews

FROM googleplaystore

WHERE Type ='Free' AND Rating <> 'NaN'

ORDER BY Rating DESC



**4. Most Reviewed Apps:**

SELECT TOP 10

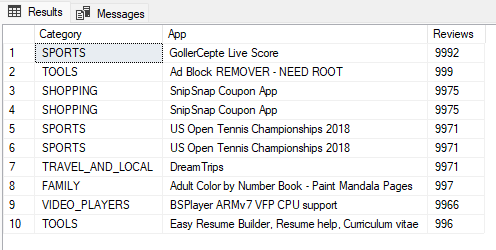
Category,

App,

Reviews

From googleplaystore

ORDER BY Reviews DESC



**5. Average Rating by Category:**

SELECT TOP 5

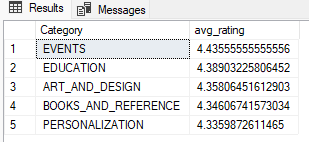
Category,

AVG(TRY\_CAST(Rating AS FLOAT)) AS avg\_rating

FROM googleplaystore

GROUP BY Category

ORDER BY avg\_rating DESC



**6. Top Categories by Number of Installs:**

SELECT TOP 10

Category,

SUM(CAST(REPLACE(SUBSTRING(Installs, 1, PATINDEX('%[^0-9]%', Installs + ' ') - 1), ',' , ' ') AS INT)) AS total\_installs

FROM googleplaystore

GROUP BY Category

ORDER BY total\_installs DESC

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**7. Average Sentiment Polarity by App Category:**

SELECT TOP 10

Category,

AVG(TRY\_CAST(Sentiment\_Polarity AS FLOAT)) AS avg\_sentiment\_polarity

FROM googleplaystore

JOIN googleplaystore\_user\_reviews

ON googleplaystore.App = googleplaystore\_user\_reviews.App

GROUP BY Category

ORDER BY avg\_sentiment\_polarity DESC

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**8. Sentiment Reviews by App Category:**

SELECT TOP 10

Category,

Sentiment,

COUNT(\*) AS total\_sentiment

FROM googleplaystore

JOIN googleplaystore\_user\_reviews

ON googleplaystore.App = googleplaystore\_user\_reviews.App

WHERE Sentiment <> 'nan'

GROUP BY Category, Sentiment

ORDER BY total\_sentiment DESC

