**1. Average Price of Paid Apps in Each Category:**

SELECT d.developer, AVG(a.rating) as average\_rating

FROM public.apps a

JOIN public.apps d ON a.developer = d.developer

GROUP BY d.developer

ORDER BY average\_rating DESC;

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Description automatically generated

**2.Most Popular Apps Category by Install Count:**

SELECT installs,category FROM public.apps ORDER BY installs DESC LIMIT 10;

SELECT \* from apps;

SELECT appname from public.apps;

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**3. Apps with Ratings Above Average in their Category**

WITH CategoryAverage AS (

    SELECT category, AVG(rating) as avg\_rating

    FROM public.apps

    GROUP BY category

)

SELECT a.category, a.rating

FROM public.apps a

JOIN CategoryAverage ca ON a.category = ca.category

WHERE a.rating > ca.avg\_rating;

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**4. Developers with the Most Apps**

SELECT developer, COUNT(\*) as app\_count FROM public.apps GROUP BY developer ORDER BY app\_count DESC;

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**5**. **Window Functions --> Rank Apps in Each Category by Number of Installs**

SELECT category, installs, RANK() OVER (PARTITION BY category ORDER BY installs DESC) as rank\_in\_category

FROM public.apps;

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