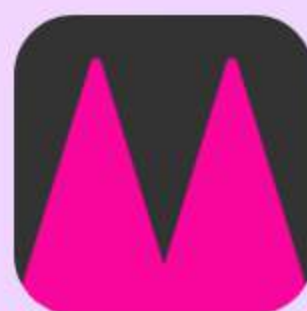


Meta

As a member of the Marketing Analytics team at Meta, you are tasked with evaluating the performance of branded AR filters....

Question 1: Which AR filters have generated user interactions in July 2024? List the filters by name.

```
select DISTINCT (ar.filter_name)
from ar_filters as ar
inner join ar_filter_engagements as ar_eng
on ar.filter_id = ar_eng.filter_id
where engagement_date >= '2024-07-01' AND engagement_date <=
'2024-07-31';
```

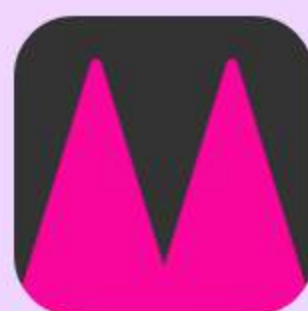


Meta

As a member of the Marketing Analytics team at Meta, you are tasked with evaluating the performance of branded AR filters....

Question 2: How many total interactions did each AR filter receive in August 2024? Return only filter names that received over 1000 interactions, and their respective interaction counts.

```
select ar.filter_name,  
sum(ar_eng.interaction_count) as inter_count  
from ar_filters as ar  
inner join ar_filter_engagements as ar_eng  
on ar.filter_id = ar_eng.filter_id  
where (ar_eng.engagement_date >= '2024-08-01' AND ar_eng.engag  
ement_date <= '2024-08-31')  
group by filter_name  
Having inter_count >1000;
```



Meta

As a member of the Marketing Analytics team at Meta, you are tasked with evaluating the performance of branded AR filters....

Question 3: What are the top 3 AR filters with the highest number of interactions in September 2024, and how many interactions did each receive?

```
SELECT ar.filter_name,  
SUM (ar_eng.interaction_count) as inter_count  
FROM ar_filters AS ar  
INNER JOIN ar_filter_engagements AS ar_eng  
ON ar.filter_id = ar_eng.filter_id  
WHERE ar_eng.engagement_date >= '2024-09-01' AND ar_eng.engage  
ment_date <= '2024-09-30'  
GROUP BY filter_name  
ORDER BY inter_Count DESC  
LIMIT 3;
```

