**Analytics for Season 0  
*RED = need to write queries for them.***

***Black = queries need to be verified.***

----------------------**Num of Users at level 10/20/30/40**----------------------

**Query :**   
SELECT username, MAX(level)

FROM user\_levels

where updated\_at < '2023-11-01 00:00:00.0'

GROUP BY username

HAVING MAX(level) = 10

–for **verification :point_up_2: :** --select max(level) from user\_levels   
where username ='mo\_belal2' --dexter, pstg\_pp\_3, younasbim29, younasbim46

**----------------------Total num of Users on Prime Dashboard (First Open) ----------------------**

**Query :**

select subquery.xp,subquery.user\_id from (

select sum(amount) as xp,user\_id from xp\_points where asset\_type='XP'

and updated\_at < '2023-08-10 00:00:00.0'

GROUP BY user\_id

) AS subquery where subquery.xp >= 78.43;

SELECT username , max(level)

FROM user\_levels

GROUP BY username

having max(level) >= 1  
**—----------------------------------------Latest**  
  
**SELECT ul.user\_id, MAX(level) as level\_completed**

**FROM user\_levels ul**

**JOIN summary on ul.user\_id = summary.user\_id**

**where updated\_at < '2023-11-01 00:00:00.0' and total\_xp >= 78.43**

**GROUP BY ul.user\_id**

**----------------------Season 0 Users----------------------**

select subquery.xp,subquery.user\_id from (

select sum(amount) as xp,user\_id from xp\_points where asset\_type='XP'

and updated\_at < '2023-09-08 00:00:00.0'

GROUP BY user\_id

) AS subquery where subquery.xp > 78.43;

**—-----------Latest**

SELECT ul.user\_id, MAX(level) as level\_completed

FROM user\_levels ul

JOIN summary on ul.user\_id = summary.user\_id

where updated\_at < '2023-11-01 00:00:00.0' and total\_xp > 78.43

GROUP BY ul.user\_id

**----------------------Number of vCoins bundles purchased (Virtua Marketplace)----------------------**

**Query : Total**select \* from ledger

where source\_from = 'MARKETPLACE\_BUY\_VCOINS'

and updated\_at < '2023-08-10 00:00:00.0'  
**Abc bundle bought for xyz times :**   
select \* from ledger

where source\_from = 'MARKETPLACE\_BUY\_VCOINS'

and tx\_type = 'credit' and reference\_id = '6'

and updated\_at < '2023-08-01 00:00:00.0'  
**—----GROUP BY—--------**select reference\_id, count(\*) from ledger

where source\_from = 'MARKETPLACE\_BUY\_VCOINS'

and tx\_type = 'credit' --and reference\_id = '6'

and updated\_at < '2023-11-26 00:00:00.0'

group by reference\_id

**----------------------Num of Premium Upgrades Purchased----------------------**

**Query :**

select \* from ledger

where source\_from = 'PRIME\_DASHBOARD\_VCOINS\_CONSUME'

and tx\_type = 'debit'

and updated\_at < '2023-11-03 00:00:00.0'

**----------------------Number of Premium Users----------------------**

**Query :**

**1:**

select \* from user\_track

where updated\_at < '2023-11-01 00:00:00.0'

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**----------------------Total Number of Keys Used ----------------------**

**Query :**select \* from ledger

where source\_from = 'PRIME\_DASHBOARD\_KEY\_CONSUME'

and updated\_at < '2023-11-01 00:00:00.0'

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**----------------------Total number of XP bundles purchased (e.g. XP Boost Pack 1 was purchased x times, and so on)----------------------**

**Query :**

select \* from ledger

where source\_from = 'PRIME\_DASHBOARD\_VCOINS\_To\_XP'

and tx\_type = 'credit' and reference\_id = '4'

and updated\_at < '2023-08-02 00:00:00.0'

**—---GROUP BY—--**select reference\_id, count(\*) from ledger

where source\_from = 'PRIME\_DASHBOARD\_VCOINS\_To\_XP'

and tx\_type = 'credit' --and reference\_id = '4'

and updated\_at < '2023-11-22 00:00:00.0'

group by reference\_id

**----------------------Number of Daily Active Users ----------------------**

**Query :**

select player\_name from analytics where event\_type = 'DAU' and date = '2023-07-26'

group by player\_name  
  
Aqib-bhai’s :   
SELECT date,

*COUNT*(DISTINCT player\_id) AS active\_users

FROM analytics

WHERE game\_id = '1edc7f1d-b57f-485d-944e-38247cffebcf'

and event\_type = 'DAU'

and player\_id is not null

GROUP BY date, event\_type;

—-----

SELECT date,

COUNT(DISTINCT player\_id) AS active\_users

FROM analytics

where event\_type = 'DAU'

and player\_id is not null

GROUP BY date, event\_type;

**—-------------------------------**

SELECT date,

COUNT(DISTINCT player\_id) AS active\_users

FROM analytics

where event\_type = 'DAU'

and player\_id is not null

GROUP BY date, event\_type

order by date desc

------------------------------------------------------------------------------------

**----------------------Total number of XP Earned ----------------------**

**Query :**

select sum(amount) from ledger where asset\_type = 'XP'

and updated\_at < '2023-10-01 00:00:00.0'

select sum(amount) from ledger where asset\_type = 'XP'

--and source\_From not in ('POSTMAN')

and updated\_at < '2023-11-25 00:00:00.0'

------------------------------------------------------------------------------------

**----------------------XPs from games + quests only : ----------------------**

**Query :**

select sum(amount) from ledger where asset\_type = 'XP'

and source\_from in ('GAMING\_API', 'VIRTUA\_CRONE\_QUEST')

and updated\_at < '2023-11-09 00:00:00.0'

**----------------------Total XP from each Game ----------------------**

**Query :   
  
1:**

select source\_name, sum(amount) from ledger where asset\_type = 'XP'

and updated\_at < '2023-11-02 00:00:00.0' and source\_name is not null

group by source\_name

**----------------------Average session duration of each game----------------------**

**Query :   
  
1:**

SELECT

game\_name,

ROUND((SUM(score) / COUNT(\*) / 60), 2) AS avg\_score\_per\_minute

FROM

analytics

WHERE

updated\_at < '2023-09-04 00:00:00.0'

AND event\_type = 'UE'

AND player\_id IS NOT NULL

AND score > 0

GROUP BY

Game\_name;  
**Published Only—---------**  
SELECT

a.game\_name,

ROUND((SUM(a.score) / COUNT(\*) / 60), 2) AS avg\_score\_per\_minute

FROM

analytics AS a

JOIN games AS g ON a.game\_id::uuid = g.uuid

WHERE

a.updated\_at < '2023-11-25 00:00:00'

AND a.event\_type = 'UE'

AND a.player\_id IS NOT NULL

AND a.score > 0

AND g.status = 'published' and a.game\_name != 'Virtua\_Test\_Game'-- Uncomment this line if needed

GROUP BY

a.game\_name;

**—----------------------------------------------------------------------------**

**----------------------Users at each level ----------------------**

**Query :**

SELECT level\_completed, COUNT(\*) as user\_count

FROM (

SELECT user\_id, MAX(level) as level\_completed

FROM user\_levels

WHERE updated\_at < '2023-10-28 00:00:00'

GROUP BY user\_id

) AS max\_levels

GROUP BY level\_completed

order by level\_completed  
  
**—-------78.43**  
SELECT level\_completed, COUNT(\*) as user\_count

FROM (

SELECT ul.user\_id, MAX(level) as level\_completed

FROM user\_levels ul

JOIN summary on ul.user\_id = summary.user\_id

where updated\_at < '2023-11-05 00:00:00.0' and total\_xp > 78.43

GROUP BY ul.user\_id

) AS max\_levels

GROUP BY level\_completed

order by level\_completed

------------------------------------------------------------------------------------

**----------------------DAU of each game ----------------------**

SELECT date,

COUNT(DISTINCT player\_id) AS active\_users

FROM analytics

WHERE game\_id =

-- '1edc7f1d-b57f-485d-944e-38247cffebcf' --jetpack

-- '33cda35c-e83b-47cd-b45e-d4702530f7ea'--Rainbow Arrow

-- '45af0ef2-06f2-4692-91d7-45866bd6bf2f'--ORB defender

-- '8a4b7d5b-06b3-45fe-b190-3c086a53957c'--Duo bricks-ball challange

-- '49d64da7-09f7-4bdb-b50f-265543441ee1' --Doodle universe

-- 'd250b9c3-deb7-4e7f-a9de-e83534ecef9f'--Aim and defend

-- 'd56c7b34-d7c8-490f-8eb5-565425ffdc96'--Tower warriors

-- '38f10f91-1bb3-422e-b671-7ebc1ae4ed40' --Minerbots: The Dig

-- 'b34708d7-361f-4218-ad9f-e1b46d293003' --"Speedy Highway Racer"

-- 'e5f52294-f445-4065-b27f-6f515aeabfe6' --"Sky-High Hop"

-- '7137a390-ce10-4a80-86dc-da2b85fc0b08' --"Atomic Tank Defence"

-- '2467dcc9-d312-4cfb-a39b-af033ef220b6' --"Quack Shot"

-- '9361876a-5d71-4c51-9cf3-ad4d1e7963c5' --"Western Cowboy Dash"

-- 'f24e9d31-127a-4392-ba1f-aefbfce5b462' --"Undead Uprising Unleashed"

-- '6a376893-b725-4e48-b038-6a08059fc7d6' --"Plumbing Pipeline Puzzler"

-- 'c3c57391-10b7-4d9b-b368-f673d60b3f8a' --"Kitty Klash Khaos"

-- '59787d26-2182-4b99-a831-cf239721960b' --"Stack Spring Saga"

-- 'b784bc34-7c3a-4836-bd68-0929795fc615' --"Traffic Patrol Rampage"

-- 'aac4b64b-4c54-4859-a2ef-c3c0fcd1b509' --"Founder's District"

'9c171a68-20e9-41fd-a5d4-150f738d79c6' --planetary annihilation

-- 'bcc228a2-8522-422e-b48b-afbc68b2694a' – yes no pranks

and event\_type = 'DAU'

and player\_id is not null

and date >= '2023-10-01'

GROUP BY date, event\_type

order by date desc;

**—----short**

SELECT

a.game\_name, count(distinct(player\_id))

--ROUND((SUM(a.score) / COUNT(\*) / 60), 2) AS avg\_score\_per\_minute

FROM

analytics AS a

JOIN games AS g ON a.game\_id::uuid = g.uuid

WHERE

date = '2023-11-03'

--a.updated\_at < '2023-11-04 00:00:00'

AND a.event\_type = 'DAU'

AND a.player\_id IS NOT NULL

AND a.score > 0

AND g.status = 'published' and a.game\_name != 'Virtua\_Test\_Game'-- Uncomment this line if needed

GROUP BY

a.game\_name,date;

------------------------------------------------------------------------------------

**----------------------Users in each game ----------------------**

select game\_name, count(score) as players from analytics

where event\_type = 'FO'

and game\_name is not null

group by game\_name

**----------------------XP Sources----------------------**

select source\_from, sum(amount)

from xp\_points

where updated\_at < '2023-10-27 00:00:00.0'

group by source\_from

**—---------------------USERS between levels**  
  
SELECT username , max(level)

FROM user\_levels

where updated\_at < '2023-08-25 00:00:00.0'

GROUP BY username

having max(level) between 0 and 10

**—----------UPDATE game description**  
  
UPDATE games

SET description = 'doodle'

where uuid = '49d64da7-09f7-4bdb-b50f-265543441ee1'

**—----------Site registrations + wallet linkages**

SELECT \* FROM

user\_entity ue inner join public.wallet\_user\_linkage wl on ue.id = wl.user\_id

where ue.created\_timestamp >= 1698796800000

select \* from user\_entity --limit 10

where created\_timestamp >= 1698796800000

**—----------INSERT game conversion\_rate**  
INSERT INTO public.conversion\_rates (id,source\_id,source,rate)

VALUES

('24', 'b3fe82ed-5859-47de-98ef-15195d025ffd', 'Boat Blitz Rush', 0.0321),

('25', 'a47e70dd-2b80-464e-abdd-a64da12abf55', 'Gem Rush Saga', 0.0878),

('26', 'f64d48f6-d5ee-4255-b31e-d60cea09979f', 'Polygon Pursuit', 0.0313),

('27', '03be8358-9c6a-4f53-ac62-dcc7ae184de0', 'Space Rescue Mission', 0.2153),

('28', '9c0b2a55-b7d9-4a46-9eb5-703bea2f6c36', 'Sling Tomb Saga', 0.1798)

**—----------Season end time updation**

update ledger.public.seasons set end\_time = '2023-11-20 23:59:59.000000' where id = 1;

**----------------------Retention rate----------------------**

**Query :**

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**----------------------Average Session duration----------------------**

**Query :**

**—----------------Will be provided from google analytics—----------**

**----------------------Num of clicks on "Prestige Program" CTA----------------------**

**Query :**

**----------------------Num of clicks on "Buy vCoin" CTA----------------------**

**Query :**

**----------------------Number of clicks on Banners (Explore More CTA on each Banner)----------------------**

**Query :**

**----------------------Number of user clicking on "Buy Founder's Key" on Alert Pop-up----------------------**

**Query :**

**----------------------User Location----------------------**

**Query :**