DB Report

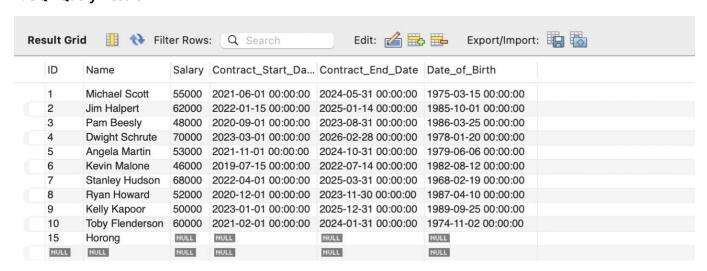
['Chicken': Chicken With OTT]

1. [INSERT] The son of the representative director of Chicken Co., Ltd., 'Horong', was parachuted into a job as an administrator.

i. SQL Query

INSERT INTO administrator (id, name) VALUES (15, 'Horong');

ii. SQL Query Result



2. [UPDATE] User 'Emily Davis' became angry, saying that she had not used 'Rating' while using the service. So she requested that her rating be deleted.

i. SQL Query

update member m
 join member_engagement me on me.member_id = m.id
set rating = null
where m.id = 2;

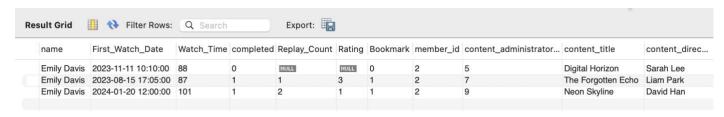
Result Grid	Filter Rows:	Q Search		Export:						
name	First_Watch_Date	Watch_Time	completed	Replay_Count	Rating	Bookmark	member_id	content_administrator	content_title	content_direc.
Emily Davis	2023-11-11 10:10:00	88	0	NULL	NULL	0	2	5	Digital Horizon	Sarah Lee
Emily Davis	2023-08-15 17:05:00	87	1	1	NULL	1	2	7	The Forgotten Echo	Liam Park
Emily Davis	2024-01-20 12:00:00	101	1	2	HULL	1	2	9	Neon Skyline	David Han

3. [SELECT] Viewing content and watching history of 'Emily Davis'.

i. SQL Query

select m.name, me.*
from member m
 join member_engagement me on me.member_id = m.id
where m.id=2;

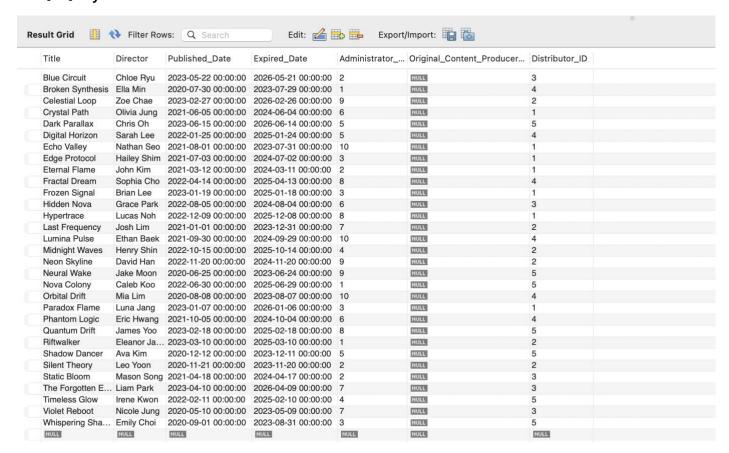
ii. SQL Query Result



4. [UPDATE] It is said that no original contents have been produced yet. Discard all 'Original Content Producer ID' data incorrectly recorded in 'Content'.

i. SQL Query

update content
set original_content_producer_id = null ;



5. [SELECT] The HR team requested content information (title and director) divided by distributors.

i. SQL Query

select (select name from distributor d where $d.id = c.distributor_id$) Distributor, title, director from content c;

sult Grid	III 🛟 Filter F	Rows: Q Search Export:	
Distributor	Title	Director	
Junho	Crystal Path	Olivia Jung	
Junho	Echo Valley	Nathan Seo	
Junho	Edge Protocol	Hailey Shim	
Junho	Eternal Flame	John Kim	
Junho	Frozen Signal	Brian Lee	
Junho	Hypertrace	Lucas Noh	
Junho	Paradox Flame	Luna Jang	
Minho	Celestial Loop	Zoe Chae	
Minho	Last Frequency	Josh Lim	
Minho	Midnight Waves	Henry Shin	
Minho	Neon Skyline	David Han	
Minho	Riftwalker	Eleanor Ja	
Minho	Silent Theory	Leo Yoon	
Ungjin	Blue Circuit	Chloe Ryu	
Ungjin	Hidden Nova	Grace Park	
Ungjin	Static Bloom	Mason Song	
Ungjin	The Forgotten	Liam Park	
Ungjin	Violet Reboot	Nicole Jung	
Cheese	Broken Synth	Ella Min	
Cheese	Digital Horizon	Sarah Lee	
Cheese	Fractal Dream	Sophia Cho	
Cheese	Lumina Pulse	Ethan Baek	
Cheese	Orbital Drift	Mia Lim	
Cheese	Phantom Logic	Eric Hwang	
Conanh	Dark Parallax	Chris Oh	
Conanh	Neural Wake	Jake Moon	
Conanh	Nova Colony	Caleb Koo	
Conanh	Quantum Drift	James Yoo	
Conanh	Shadow Dancer	Ava Kim	
Conanh	Timeless Glow	Irene Kwon	
Conanh	Whispering Sh	Emily Choi	

6. [SELECT] The marketing team has requested data sorted in descending order on the current ratio of content genres on genres.

i. SQL Query

select g.name, round(count(*) / (select count(*) from contentgenre),2) Ratio
from contentgenre cg
 join genre g on g.id = cg.genre_id
group by g.name
order by ratio desc;



7. [SELECT] The planning team requested the 'Content', which separately tracks the content viewed by users with 'Super' subscription tiers.

i. SQL Query

```
select *,
    case
    when (title, director) in (
        select content_title, content_director from member_engagement where member_id in (
            select id from member where subscription_id=1)
        ) then 'SUPER!'
        else ''
        end as note
from content;
```

Title	Director	Published_Date	Expired_Date	Administrator	Original_Content_Producer	Distributor_I	D note
Blue Circuit	Chloe Ryu	2023-05-22 00:00:00	2026-05-21 00:00:00	2	HULL	3	
Broken Synthesis	Ella Min	2020-07-30 00:00:00	2023-07-29 00:00:00	1	HULL	4	
Celestial Loop	Zoe Chae	2023-02-27 00:00:00	2026-02-26 00:00:00	9	NULL	2	
Crystal Path	Olivia Jung	2021-06-05 00:00:00	2024-06-04 00:00:00	6	NULL	1	
Dark Parallax	Chris Oh	2023-06-15 00:00:00	2026-06-14 00:00:00	5	NULL	5	SUPER
Digital Horizon	Sarah Lee	2022-01-25 00:00:00	2025-01-24 00:00:00	5	NULL	4	SUPER
Echo Valley	Nathan Seo	2021-08-01 00:00:00	2023-07-31 00:00:00	10	HULL	1	
Edge Protocol	Hailey Shim	2021-07-03 00:00:00	2024-07-02 00:00:00	3	HULL	1	SUPER
Eternal Flame	John Kim	2021-03-12 00:00:00	2024-03-11 00:00:00	2	HULL	1	SUPER
Fractal Dream	Sophia Cho	2022-04-14 00:00:00	2025-04-13 00:00:00	8	NULL	4	SUPER
Frozen Signal	Brian Lee	2023-01-19 00:00:00	2025-01-18 00:00:00	3	NULL	1	
Hidden Nova	Grace Park	2022-08-05 00:00:00	2024-08-04 00:00:00	6	NULL	3	
Hypertrace	Lucas Noh	2022-12-09 00:00:00	2025-12-08 00:00:00	8	HULL	1	
Last Frequency	Josh Lim	2021-01-01 00:00:00	2023-12-31 00:00:00	7	HULL	2	SUPER
Lumina Pulse	Ethan Baek	2021-09-30 00:00:00	2024-09-29 00:00:00	10	NULL	4	
Midnight Waves	Henry Shin	2022-10-15 00:00:00	2025-10-14 00:00:00	4	NULL	2	
Neon Skyline	David Han	2022-11-20 00:00:00	2024-11-20 00:00:00	9	NULL	2	
Neural Wake	Jake Moon	2020-06-25 00:00:00	2023-06-24 00:00:00	9	NULL	5	
Nova Colony	Caleb Koo	2022-06-30 00:00:00	2025-06-29 00:00:00	1	HULL	5	
Orbital Drift	Mia Lim	2020-08-08 00:00:00	2023-08-07 00:00:00	10	NULL	4	
Paradox Flame	Luna Jang	2023-01-07 00:00:00	2026-01-06 00:00:00	3	NULL	1	
Phantom Logic	Eric Hwang	2021-10-05 00:00:00	2024-10-04 00:00:00	6	NULL	4	
Quantum Drift	James Yoo	2023-02-18 00:00:00	2025-02-18 00:00:00	8	NULL	5	
Riftwalker	Eleanor Ja	2023-03-10 00:00:00	2025-03-10 00:00:00	1	NULL	2	
Shadow Dancer	Ava Kim	2020-12-12 00:00:00	2023-12-11 00:00:00	5	HULL	5	
Silent Theory	Leo Yoon	2020-11-21 00:00:00	2023-11-20 00:00:00	2	HULL	2	
Static Bloom	Mason Song	2021-04-18 00:00:00	2024-04-17 00:00:00	2	NULL	3	
The Forgotten E	Liam Park	2023-04-10 00:00:00	2026-04-09 00:00:00	7	NULL	3	
Timeless Glow	Irene Kwon	2022-02-11 00:00:00	2025-02-10 00:00:00	4	NULL	5	
Violet Reboot	Nicole Jung	2020-05-10 00:00:00	2023-05-09 00:00:00	7	NULL	3	
Whispering Sha	Emily Choi	2020-09-01 00:00:00	2023-08-31 00:00:00	3	HULL	5	

- 8. [SELECT] Regarding the 'Member_Engagement' been about to sent to the internal special data analysis team,
- (1) users currently not getting subscription
- (2) except genre 'horror', 'weird'
- (3) derive Average/Sum their watching time divided by 'Completed', calculated in hours it requested data satisfying above conditions.

i. SQL Query

Result Gri	d 🎚 🛟 Filter Rows:	Q Search Export:
comple	eted Average Watching Tim	e Sum of Watching Time
0	1.60h	30.37h
1	1.94h	38.70h

9. [DELETE] 'Chicken' Shareholders who heard the news about 'Horong' fired him from his position.

i. SQL Query

delete from administrator where id = 15;

ID	Name	Salary	Contract_Start_Da	Contract_End_Date	Date_of_Birth
1	Michael Scott	55000	2021-06-01 00:00:00	2024-05-31 00:00:00	1975-03-15 00:00:00
2	Jim Halpert	62000	2022-01-15 00:00:00	2025-01-14 00:00:00	1985-10-01 00:00:00
3	Pam Beesly	48000	2020-09-01 00:00:00	2023-08-31 00:00:00	1986-03-25 00:00:00
4	Dwight Schrute	70000	2023-03-01 00:00:00	2026-02-28 00:00:00	1978-01-20 00:00:00
5	Angela Martin	53000	2021-11-01 00:00:00	2024-10-31 00:00:00	1979-06-06 00:00:00
6	Kevin Malone	46000	2019-07-15 00:00:00	2022-07-14 00:00:00	1982-08-12 00:00:00
7	Stanley Hudson	68000	2022-04-01 00:00:00	2025-03-31 00:00:00	1968-02-19 00:00:00
8	Ryan Howard	52000	2020-12-01 00:00:00	2023-11-30 00:00:00	1987-04-10 00:00:00
9	Kelly Kapoor	50000	2023-01-01 00:00:00	2025-12-31 00:00:00	1989-09-25 00:00:0
10	Toby Flenderson	60000	2021-02-01 00:00:00	2024-01-31 00:00:00	1974-11-02 00:00:00
NULL	NULL	NULL	NULL	NULL	NULL