

## 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




<div> <div>Result Grid</div> <div>   Filter Rows: <div> <input type="text" value="Search"/> </div> </div> <div> Edit:    </div> <div> Export/Import:   </div> </div>							
	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 00:00:00	
	10	Toby Flenderson	60000	2021-02-01 00:00:00	2024-01-31 00:00:00	1974-11-02 00:00:00	
	15	Horong	NULL	NULL	NULL	NULL	
		NULL	NULL	NULL	NULL	NULL	

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;
```

### ii. SQL Query Result

Result Grid   Filter Rows: <input type="text" value="Search"/> Export: 											
	name	First_Watch_Date	Watch_Time	completed	Replay_Count	Rating	Bookmark	member_id	content_administrator...	content_title	content_director...
	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	NULL	1	2	9	Neon Skyline	David Han

### i. SQL Query

### 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

### ii. SQL Query Result

[illegible]

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 ;

ii. SQL Query Result

<div>Result Grid<div><div><div></div><div></div></div><div>Filter Rows:</div><div><div><div></div><div>Search</div></div></div><div>Export:<div><div></div><div></div></div></div></div></div>				
	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;
```

ii. SQL Query Result




Result Grid   Filter Rows: <input type="text" value="Search"/>			
	name	Ratio	
	Weird	0.17	
<input type="checkbox"/>	Horror	0.17	
	Romance	0.15	
<input type="checkbox"/>	Comedy	0.13	
	Funny	0.13	
<input type="checkbox"/>	Refresh	0.13	
	Happy	0.11	
<input type="checkbox"/>	Fantasy	0.02	

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 ;
```

ii. SQL Query Result

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

```
select completed,  
       concat(round(avg(watch_time)/60,2),'h') "Average Watching Time",  
       concat(round(sum(watch_time)/60,2), 'h') "Sum of Watching Time"  
from member_engagement me  
   join member m on m.id = me.member_id  
   join content c on  
       c.title = me.content_title and c.director = me.content_director and c.administrator_id =  
me.content_administrator_id  
   join contentgenre cg on  
       cg.content_title = c.title and cg.content_director = c.director and cg.content_administrator_id =  
c.administrator_id  
   join genre g on g.id = cg.genre_id  
where  
       m.subscription_id is null and g.id not in (7,8)  
group by completed ;
```

#### ii. SQL Query Result

Result Grid   Filter Rows: <input type="text" value="Search"/> Export: 			
	completed	Average Watching Time	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 ;

ii. SQL Query Result

Result Grid   Filter Rows: <input type="text" value="Search"/>						
Edit:    Export/Import:						
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	
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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 00:00:00	
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	