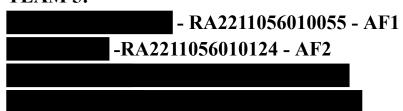
## **TEAM 5:**



# **HACKATHON - 1**

# **SQL QUERIES**

**M1** 

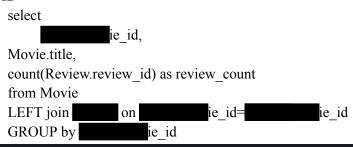
SELECT

at id, at\_number,

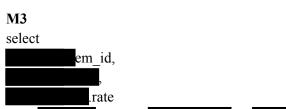
FROM Seat s

JOIN Screen sc ON reen\_id = reen\_id
WHERE reen\_id = 1;

! seat_id	seat_number	name
1	A1	A
2	A2	A
3	A3	A
4	A4	A
5	A5	A
6	A6	A
7	A7	A
8	A8	A
9	А9	A
10	A10	A
11	A11	A
12	A12	A
13	A13	A
14	A14	A <u> </u>
15	A15	& <b>Ⅲ № ≡</b>



I movie_id	title	review_count
1	Avatar	79
2	Nine	38
3	Hard Luck	63
4	The Officers' Ward	21
5	You Are So Beautiful	78
6	It's Complicated	42
7	Sherlock Holmes	99
8	Crazy Heart	70
9	The Art of War II: Betrayal	50
10	The Last Station	73
11	Too Shy to Try	37
12	Alvin and the Chipmunks: The S	58
13	Uncertainty	97
14	Guru	38
15	After Death	63



from left join on em\_id= em\_id order by rate DEsc;

order by rate DEsc,		
! item_id	name	rate
15	Fiesta Nachos	19.74
20	Value Pizza	19.27
4	Golden Butter Popcorn	19.06
13	Savory Parmesan Popcorn	19.05
5	Spicy Inferno Burger	18.78
16	Earthy Herb Popcorn	18.68
9	Volcano Spicy Pizza	18.6
6	Cheesy Delight Pizza	18.54
12	Smoky BBQ Pizza	18.33
8	Meat Lover <b>∲</b> s Pizza	16.36
8	Meat Lover <b>∲</b> s Pizza	16.24
13	Savory Parmesan Popcorn	15.82
3	Caramel Crunch Popcorn	15.71
11	Cheddar Cheese Popcom	15.68
17	Sweet & Salty Popcorn	15.34

select genre,count(\_\_\_\_\_ie\_id) as movie\_count from Movie
GROUP by genre

order by



#### **M5**

select genre,count(\_\_\_\_\_ie\_id) as movie\_count from Movie
GROUP by genre

order by

! genre	movie_count
Comedy	108
Horror	101
Drama	99
Sci-Fi	98
Action	94

SELECT

ow\_id,
ow\_datetime,

COUNT(Ticket.ticket\_id) AS total\_tickets\_sold

FROM Ticket

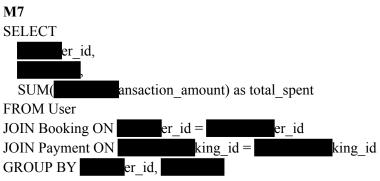
JOIN ShowSeat ON ow\_seat\_id = ow\_seat\_id

JOIN Show ON ow\_id = ow\_id

GROUP BY ow\_id, ow\_datetime

ORDER BY total\_tickets\_sold DESC;

! show_id	show_datetime	total_tickets_sold
10	04-02-2025 21:55	147
15	09-02-2025 11:05	147
14	15-01-2025 12:40	139
9	12-01-2025 11:27	137
11	21-03-2025 06:57	137
16	09-03-2025 15:08	135
12	26-03-2025 18:52	133
13	15-03-2025 05:40	131
8	18-01-2025 21:09	117
5	21-02-2025 19:28	110
7	07-02-2025 18:44	103
6	23-01-2025 17:52	94



ORDER BY total spent D	DESC:
------------------------	-------

! user_id	name	total_spent
3603	Thomas Jackson	4479.36
1470	Taylor Phillips	4461.41
4413	Jessica Wright	4310.59
4727	Kathleen Reyes	4243.1
3539	Terry Kramer	4225.95
4444	Nina Cox	4084.33
1869	John Harrell	4059.6
4652	Margaret Jimenez	4056.76
1567	Kathryn Stephens	4033.98
2424	Karen Jones	4024.46
366	Jimmy Stephens	4021.49000000000002
1577	Claudia Jackson	3999.02
3207	Brian Werner	3990.14
592	Jennifer Palmer	3945.64

select ow\_datetime,

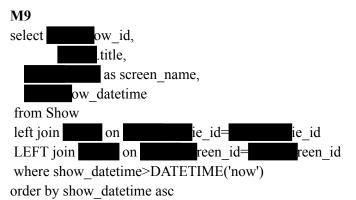
count(king\_id) as total\_bookings

from Show

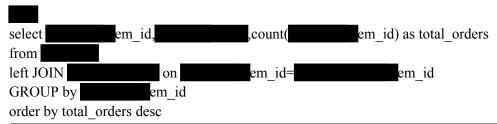
left join Booking on ow\_id=ow\_id

GROUP by show\_datetime order by total\_bookings DESC;

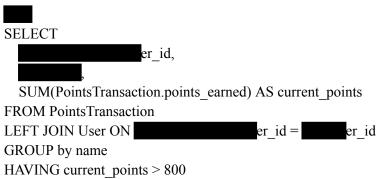
: show_datetime	total_bookings
04-02-2025 21:55	1009
20-03-2025 05:48	974
09-03-2025 15:08	969
15-01-2025 12:40	958
07-02-2025 18:44	949
15-03-2025 05:40	946
26-03-2025 18:52	935
25-01-2025 06:38	935
09-02-2025 11:05	935
24 02 2025 06:57	030



! show_id	title	screen_name	show_datetime
74	Growth	D	21-01-2025 00:52
151	A Town Called Panic	D	21-01-2025 00:53
48	Zone of the Dead	A	21-01-2025 01:47
297	Missionary Man	С	21-01-2025 03:49
188	Oceans	В	21-01-2025 04:33
275	The Seventh Veil	С	21-01-2025 13:35
242	Sometimes a Great No	А	21-01-2025 21:15
5	Nine	А	21-02-2025 19:28
287	Invisible Stripes	D	21-02-2025 21:38
11	Yuki & Nina	С	21-03-2025 06:57
94	Joy Ride 2: Dead Ahead	В	21-03-2025 07:12
278	Kick-Ass	D	21-03-2025 20:09
189	Generation X	А	21-03-2025 23:11
17	Detention	D	22-01-2025 11:01



i item_id	name	total_orders
6	Cheesy Delight Pizza	2341
13	Savory Parmesan Popcorn	2285
17	Sweet & Salty Popcorn	2285
9	Volcano Spicy Pizza	2271
10	Caramel Bliss Popcorn	2256
19	Supreme Veggie Pizza	2243
8	Meat Lover�s Pizza	2242
1	Twilight Soda	2238
18	Vintage Cola	2231
20	Value Pizza	2224
16	Earthy Herb Popcorn	2213
4	Golden Butter Popcorn	2190
15	Fiesta Nachos	2187



ORDER BY current\_points DESC;

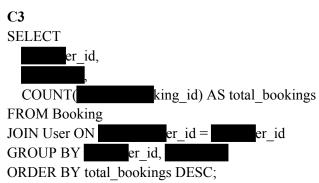
! user_id	name	current_points
1966	Michael Johnson	1185
399	Mark Miller	1124
684	Lisa Smith	1072
121	William Brown	991
3219	James Williams	955
2152	David Miller	932
1987	Ashley Garcia	919
848	Joshua Johnson	908
2651	Michael Jones	906
2206	Michael Taylor	899
1107	David Johnson	879
1965	Daniel Green	867
1104	Amy Johnson	862
702	Joppifor Davis	910

#### **C1 SELECT** reen id, AS screen\_name, tal cost) AS total revenue, COUNT(Ticket.ticket id) AS total tickets sold FROM Ticket JOIN Booking ON king id = king id JOIN Show ON $ow_id =$ ow id JOIN Screen ON reen id = reen id reen id, **GROUP BY** ORDER BY total revenue DESC;

: screen_id	screen_name	total_revenue	total_tickets_sold
2		459610.99	836
3	С	319182.97	593
1	Α	130773.12	243
4	D	101719.11	177
			<u> </u>

#### **C2 SELECT** ie\_id, Movie.title, ow datetime, tal\_cost) AS total\_revenue SUM( FROM Booking JOIN Show ON ow\_id = ow\_id JOIN Movie ON ie id= ie id ie id, Movie.title, ow datetime GROUP BY ow\_datetime ASC, total\_revenue DESC; ORDER BY

: movie_id	title	show_datetime	total_revenue
314	Rockaway	04-02-2025 21:55	567382.46
5	You Are So Beautiful	07-02-2025 18:44	519501.78
457	White Mane	09-02-2025 11:05	502602.86
131	Quiet Chaos	09-03-2025 15:08	541626.35
28	Sweepers	12-01-2025 11:27	505858.21
434	About Elly	15-01-2025 12:40	525845.51



i user_id	name	total_bookings
10	Margaret Perez	5
11	Dominique Lee MD	5
12	David Mcneil	5
20	Sharon Flores	5
25	Martha Soto	5

#### **C4**

**SELECT** 



SUM(FoodOrderItem.quantity \* ice\_at\_time) AS total\_sales,

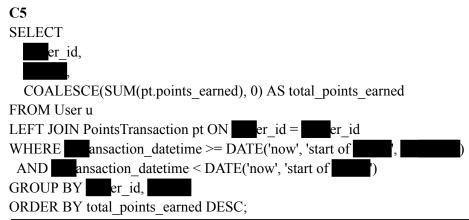
COUNT(FoodOrderItem.order\_id) AS total\_orders

FROM FoodOrderItem

JOIN FoodItem ON em\_id = em\_id em\_id = gROUP BY em\_id,

ORDER BY total sales DESC;

i item_id	name	total_sales	total_orders
6	Cheesy Delight Pizza	75000.02	2341
8	Meat Lover�s Pizza	71741.7	2242
13	Savory Parmesan Popcorn	68198.23	2285
9	Volcano Spicy Pizza	66877.19	2271
16	Earthy Herb Popcorn	66684.97	2213
12	Smoky BBQ Pizza	58701.57	2100



: user_id	name	total_points_earned
2973	Henry Reid	223
3386	Elizabeth Shaw	219
2248	Lawrence Bradley	211
4811	Robert Wheeler	204
2249	Brandi Johnson	202

## **BUSINESS INSIGHTS:**

M1:

SELECT er\_id, \_\_\_\_,

FROM user u

LEFT JOIN booking b ON er\_id = er\_id

WHERE er\_id IS NULL;

	,	
user_id	name	email
5001	Gregory Morrison	vcampos306@icloud.com
5002	Luis Barajas	nicoleadams601@hotmail.com
5003	Christina Middleton	rogerphelps191@outlook.com
5004	Melissa Neal	smithtaylor863@outlook.com
5005	Haley Peters	isaacstephens169@outlook.com
5006	James Munoz	patricia09979@gmail.com
5007	Matthew Moore	garzaelijah634@gmail.com
5008	Tina Johnson	rebecca25166@hotmail.com
5009	Jose Pham	elliottlaura215@hotmail.com
5010	Daniel Dennis	sanchezchristopher125@hotmail.com
5011	Morgan Gregory	kimberlyhernandez580@outlook.com
5012	Christopher Lopez	mcooper489@yahoo.com
5013	Samantha Lewis	estradamichelle774@hotmail.com
5014	Valerie Mayer	haleaaron676@hotmail.com
5015	Mrs. Miranda Navarro	sharonkeith554@gmail.com
5016	Daniel Perez	matthewshepard954@hotmail.com

#### M2:

SELECT \_\_\_\_\_, \_\_\_rrent\_points

FROM user u

JOIN membership m ON er\_id = er\_id;

i name	current_points
Zachary Adams	809
Shane Thomas	348
Alexa Zhang	143
Hayden Perez	639
Todd Fleming	897
Mitchell Gay	853
Lori Robinson	1
Joseph Cook	665
Paul Baxter	765
Margaret Perez	491
Dominique Lee MD	6
David Mcneil	198
Lori Myers	371
Leslie Perry	718
Sheri Burke	17
Natalie Trujillo	83 🎍 🎟 🔟 🔎 🗏

M3:
SELECT em\_id, ze\_m, ze\_name, fs.rate
FROM fooditem f
JOIN fooditemsize fs ON em\_id = em\_id;



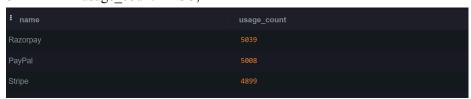
#### M4:

SELECT \_\_\_\_\_, COUNT(\_\_\_\_yment\_id) AS usage\_count FROM payment p

JOIN paymentgateway pg ON \_\_\_\_teway\_id = \_\_\_\_teway\_id

GROUP BY GROUP BY

ORDER BY usage count DESC;



# M5: SELECT er\_id, DATE( king\_datetime) AS booking\_date, COUNT(\*) AS booking\_count FROM booking b JOIN user u ON er\_id = er\_id GROUP BY er\_id, booking\_date HAVING booking count > 1;

	<u> </u>		
: user_id	name	booking_date	booking_count
2			2
4			2
11		2025-03-07	2
21			2
27			2
28			2
38		2025-03-09	2
55			2
56		2025-03-02	2
64			2
69		2025-03-07	2
73			2
78		2025-02-14	2
84		2025-03-09	2
127			2
138	James Gibson	2025-02-18	2 ₺ 聞 네 曷 ☰

#### M6:

SELECT strftime('%H', booking\_datetime) AS booking\_hour, COUNT(\*) AS booking\_count FROM booking
GROUP BY booking\_hour
ORDER BY booking\_count DESC;



```
C1:
WITH first_bookings AS (
    SELECT user_id, MIN(booking_datetime) AS first_booking_date
FROM booking
    GROUP BY user_id
)
SELECT strftime('%Y-%m', first_booking_date)
FROM first_bookings
WHERE first_bookings
WHERE first_booking_date >= DATE('now', GROUP BY GROUP BY
```

i month	new_users
2025-02	4375
2025-03	625

# C2: SELECT er\_id, SUM(foi.quantity \* lice\_at\_time) AS total\_spent FROM

JOIN foodorder fo ON foi.order\_id = fo.order\_id

JOIN booking b ON king\_id king\_id

JOIN user u ON \_\_\_\_er\_id = \_\_\_er\_id GROUP BY \_\_\_er id,

ORDER BY total\_spent DESC

LIMIT 10;

user_id	name	total_spent
3452	Mr. Thomas Lopez DVM	837.34
2575	Eric Gonzalez	808.26
4046	Melissa Watson	791.01
2705	Dr. Kyle Mclaughlin	774.82
4355	Laura Burke	774.75
4515	Kelly Baldwin	767.37
3923	Gabriel Clark	764.68
4658	Rodney Brown	759.52
1393	Melanie Cruz	755.02
1435	Michael Mendez	749.28