

OUTPUTS OF TICKET BOOKING SYSTEM

1. Calculate the Average Ticket Price for Events in Each Venue Using a Subquery.

	VENUE_ID	VENUE_NAME	AVG_TKT_PRICE
▶	1	Stadium A	1600.000000
	2	Concert Arena B	550.000000
	3	Theater C	500.000000
	4	Movie House D	520.000000
	5	Sports Complex E	925.000000
	6	Concert Hall F	985.000000
	7	Theater G	620.000000
	8	Movie Theater H	575.000000
	9	Stadium I	2500.000000
	10	Playhouse J	650.000000

2. Find Events with More Than 50% of Tickets Sold using subquery.

	EVENT_ID	EVENT_NAME	AVAIL_SEATS	TOT_SEATS	SOLD_SEATS
▶	4	Action Movie Premiere	0	300	300
	8	Sci-Fi Movie Screening	0	200	200
	16	Olympics	9000	20000	11000

3. Calculate the Total Number of Tickets Sold for Each Event.

	EVENT_ID	EVENT_NAME	TOT_TKTS_SOLD
▶	1	Cup Final	2
	2	Zest Rock Concert	10
	3	Theater Screening	4
	4	Action Movie Premiere	306
	5	Soccer Match	2
	6	Pop Concert	5
	7	Xavier Drama	5
	8	Sci-Fi Movie Screening	202
	9	World Cup	7
	10	Classical Concert	100
	11	BTS Concert	15
	12	Vernon Premiere	70
	13	Zoe Musical	3003
	14	Football Match	20007
	15	Harry Potter:The Cur...	205
	16	Olympics	11008
	17	Classical Dance	NULL

4. Find Users Who Have Not Booked Any Tickets Using a NOT EXISTS Subquery.

	CUST_ID	CUST_NAME
▶	11	Britney Spears
*	NULL	NULL

5. List Events with No Ticket Sales Using a NOT IN Subquery.

	EVENT_ID	EVENT_NAME
▶	17	Classical Dance
*	NULL	NULL

6. Calculate the Total Number of Tickets Sold for Each Event Type Using a Subquery in the FROM Clause.

	EVENT_TYPE	TOT_TKTS_SOLD
▶	Sports	26
	Concert	133
	Movie	42

7. Find Events with Ticket Prices Higher Than the Average Ticket Price Using a Subquery in the WHERE Clause.

	EVENT_ID	EVENT_NAME	TKT_PRICE
▶	1	Cup Final	2000.00
	5	Soccer Match	1000.00
	6	Pop Concert	920.00
	9	World Cup	2500.00
	11	BTS Concert	1000.00
	13	Zoe Musical	1050.00
	14	Football Match	1200.00
*	NULL	NULL	NULL

8. Calculate the Total Revenue Generated by Events for Each User Using a Correlated Subquery.

	CUST_ID	CUST_NAME	TOT_REVENUE
▶	1	John Doe	4000.00
	2	Jane Smith	16000.00
	3	Michael Johnson	2000.00
	4	Emily Brown	13120.00
	5	David Wilson	8800.00
	6	Sarah Lee	7750.00
	7	Chris Taylor	2500.00
	8	Amanda White	9700.00
	9	Matthew Martinez	19600.00
	10	Jennifer Garcia	11700.00
	11	Britney Spears	NULL

9. List Users Who Have Booked Tickets for Events in a Given Venue Using a Subquery in the WHERE Clause.

	CUST_ID	CUST_NAME
▶	1	John Doe
	8	Amanda White
*	NULL	NULL

10. Calculate the Total Number of Tickets Sold for Each Event Category Using a Subquery with GROUP BY.

	EVENT_TYPE	TOT_TKTS_SOLD
▶	Sports	26
	Concert	133
	Movie	42

11. Find Users Who Have Booked Tickets for Events in each Month Using a Subquery with DATE_FORMAT.

	CUST_ID	CUST_NAME
▶	1	John Doe
	2	Jane Smith
	3	Michael Johnson
	4	Emily Brown
	5	David Wilson
	6	Sarah Lee
	7	Chris Taylor
	8	Amanda White
	9	Matthew Martinez
	10	Jennifer Garcia
★	NULL	NULL

12. Calculate the Average Ticket Price for Events in Each Venue Using a Subquery

	VENUE_ID	VENUE_NAME	AVG_TKTS_PRICE
▶	1	Stadium A	1600.000000
	2	Concert Arena B	550.000000
	3	Theater C	500.000000
	4	Movie House D	520.000000
	5	Sports Complex E	925.000000
	6	Concert Hall F	985.000000
	7	Theater G	620.000000
	8	Movie Theater H	575.000000
	9	Stadium I	2500.000000
	10	Playhouse J	650.000000