OUTPUTS OF TICKET BOOKING SYSTEM

1.Write a SQL query to List Events and Their Average Ticket Prices.

EVENT_TYPE	AVG_TICKET_PRICE
Sports	1510.000000
Concert	728.333333
Movie	568.333333

2. Write a SQL query to Calculate the Total Revenue Generated by Events.

REVENUE
95170.00

3. Write a SQL query to find the event with the highest ticket sales.

EVENT_ID	EVENT_NAME	NUM_TICKETS
10	Classical Concert	100

4. Write a SQL query to Calculate the Total Number of Tickets Sold for Each Event.

EVENT_TYPE	SUM(NUM_TICKETS)
Sports	26
Concert	133
Movie	42

5. Write a SQL query to Find Events with No Ticket Sales.

EVENT_ID	EVENT_NAME	TOT_SEATS	AVAIL_SEATS
17	Classical Dance	6000	6000
NULL	NULL	NULL	NULL

6. Write a SQL query to Find the User Who Has Booked the Most Tickets.

CUST_ID	CUST_NAME	NUM_TICKETS
10	Jennifer Garcia	100

7. Write a SQL query to List Events and the total number of tickets sold for each month.

EVENT_ID	EVENT_NAME	MONTH	TKT_PER_MONTH
1	Cup Final	5	2
2	Zest Rock Concert	6	10
3	Theater Screening	9	4
4	Action Movie Premiere	3	6
5	Soccer Match	8	2
6	Pop Concert	4	5
7	Xavier Drama	11	5
8	Sci-Fi Movie Screening	2	2
9	World Cup	1	7
10	Classical Concert	12	100
11	BTS Concert	12	15
12	Vernon Premiere	2	20
13	Zoe Musical	6	3
14	Football Match	8	7
15	Harry Potter:The Cur...	10	5
16	Olympics	4	8

8. Write a SQL query to calculate the average Ticket Price for Events in Each Venue.

VENUE_NAME	AVG_TKT_PRICE
Stadium A	1600.000000
Concert Arena B	550.000000
Theater C	500.000000
Movie House D	520.000000
Sports Complex E	925.000000
Concert Hall F	985.000000
Theater G	620.000000
Movie Theater H	575.000000
Stadium I	2500.000000
Playhouse J	650.000000

9. Write a SQL query to calculate the total Number of Tickets Sold for Each Event Type.

EVENT_TYPE	TOT_TICKETS
Sports	26
Concert	133
Movie	42

10. Write a SQL query to calculate the total Revenue Generated by Events in Each Year.

YEAR(BOOKING_DATE)	SUM(TOT_COST)
2024	82020.00
2025	13150.00

11. Write a SQL query to list users who have booked tickets for multiple events.

CUST_NAME	NO_OF_EVENTS_BOOKED
Jane Smith	2
Emily Brown	2
David Wilson	2
Sarah Lee	2
Amanda White	2
Jennifer Garcia	2

12. Write a SQL query to calculate the Total Revenue Generated by Events for Each User.

CUST_NAME	REVENUE	NO_OF_EVENTS_BOOKED
John Doe	4000.00	1
Jane Smith	16000.00	2
Michael Johnson	2000.00	1
Emily Brown	13120.00	2
David Wilson	8800.00	2
Sarah Lee	7750.00	2
Chris Taylor	2500.00	1
Amanda White	9700.00	2
Matthew Martinez	19600.00	1
Jennifer Garcia	11700.00	2

13. Write a SQL query to calculate the Average Ticket Price for Events in Each Category and Venue.

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

14. Write a SQL query to list Users and the Total Number of Tickets They've Purchased in the Last 30 Days

CUST_NAME	TOT_TICKETS
Sarah Lee	5
David Wilson	8