1. Festival Ticket Analysis: Custom Selection

select Festival\_Name, Country, Ticket\_Type

from festivaldata

### 2. Festival Ticket Analysis: USA Festivals

select festival\_name,city,date

from festivaldata

where country="USA"

### 3. Festival Ticket Analysis: Expensive Tickets

select festival\_name,ticket\_type,price

from festivaldata where country="India"

and price>100

### 4. Festival Ticket Analysis: India US Festivals

select festival\_name, country,ticket\_type

from festivaldata

where country='India' or country='USA'

### 5. Festival Ticket Analysis: Ticket Type

select ticket\_type,sum(price) as total\_revenue

from festivaldata

group by ticket\_type

### 6. Festival Ticket Analysis: Top 5 Festivals

select festival\_name, price

from festivaldata

order by price desc

limit 5

### 7. Festival Ticket Analysis: Rank 6-10 Festivals

select festival\_name, price

from festivaldata

order by price desc

limit 5 offset 5

### 8. Festival Ticket Analysis: Profitable Profits in India

select festival\_name, sum(organizer\_profit) as total\_profit

from festivaldata

where country='India'

group by festival\_name

having avg(price)>100

### 9. Festival Ticket Analysis: Top 3 Most Profitable Festivals

select country, max(organizer\_profit) as max\_profit

from festivaldata

group by country

### 10. Profitable Festivals with Ticket Type Analysis

select Ticket\_Type,sum(organizer\_profit) as Total\_Profit

from festivaldata

where country='India' or country='USA'

group by Ticket\_Type

having avg(price)>50

order by Total\_Profit desc

limit 3

### 11. Movie Mania: Custom Ranking

select movie\_name,avg(rating) as avg\_rating

from user\_watch\_activity

group by movie\_name

order by avg\_rating desc

limit 5 offset 3

### 12. Movie Mania: Analyze Users with Medium Watch Time

select user\_name,watch\_time\_minutes

from user\_watch\_activity

where watch\_time\_minutes between 100 and 150

order by watch\_time\_minutes

### 13. Movie Mania: Second Most Engaged Sci-Fi Viewer

select user\_name, watch\_time\_minutes as total\_watch\_time

from user\_watch\_activity

where genre='Sci-Fi'

limit 2 offset 1

### 14. Movie Mania: Top Genre Watched in Japan

select genre, watch\_time\_minutes as total\_watch\_time

from user\_watch\_activity

where country='Japan'

order by total\_watch\_time desc

limit 1

### 15. Movie Mania: Most Active Premium Users

select user\_name, total\_movies\_watched

from user\_watch\_activity

where subscription\_type='Premium'

order by total\_movies\_watched desc

limit 5

### 16. Retail World: Top Revenue Generating Transactions

select transaction\_id,customer\_name,transaction\_value

from payment\_transactions

order by transaction\_value desc

limit 5

### 17. Retail World: Measure Impact of Discounts on Revenue

SELECT

    product\_category,

    SUM(quantity\_purchased \* price\_per\_unit) AS revenue\_before\_discount,

    SUM(quantity\_purchased \* price\_per\_unit \* (1 - discount\_applied / 100)) AS revenue\_after\_discount

FROM

    payment\_transactions

GROUP BY

    product\_category;

### 18. Retail World: Top Revenue Generating Transactions

select payment\_method,avg(transaction\_value) as avg\_transaction\_value

from payment\_transactions

group by payment\_method

order by avg\_transaction\_value desc

limit 1

### 19. Retail World: Segment Customers by Spending Behavior

select customer\_name,sum(transaction\_value) as total\_spending,

case when sum(transaction\_value)<1000 then 'Low Spend'

when sum(transaction\_value) between 1000 and 2000 then 'Medium Spend'

when sum(transaction\_value)>2000 then 'High Spend'

end as spending\_segment

from payment\_transactions

group by customer\_name

### 20. Retail World: Unsatisfied Customers

select customer\_name, avg(customer\_rating) as avg\_rating

from payment\_transactions

group by customer\_name

having avg\_rating<4