



TAYLOR SWIFT

THE ERAS TOUR

SQL ANALYSIS



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OBJECTIVE

The objective of this project based on Taylor Swift's ERAs Tour SQL analysis is to gain insights and useful information from the concert data. The provided SQL queries aim to extract meaningful details about the concerts, venues, and locations related to Taylor Swift's performances.

The analysis covers various aspects of the concert data, including the number of concerts in different countries and cities, details of the earliest concert, the venue that hosted the most concerts, concerts in specific venues containing the word 'STADIUM,' and a breakdown of the total number of concerts by month.





TABLE USED

- Concerts

1. RETRIEVE THE TOTAL NUMBER OF CONCERTS WHERE TAYLOR SWIFT PERFORMED IN UNITED KINGDOM?

```
SELECT LocationCountry  
      ,COUNT(LocationCountry) AS NO_OF_CONCERTS  
FROM Concerts  
WHERE LocationCountry = "United Kingdom";
```

OUTPUT

Query #1 Execution time: 1ms

LocationCountry	NO_OF_CONCERTS
United Kingdom	15

2. RETRIEVE THE DETAILS (CONCERTID, CONCERTDATE, VENUENAME) OF THE CONCERT WITH THE EARLIEST DATE.



```
SELECT ConcertID, VenueName, MIN(ConcertDate) AS ConcertDate  
FROM Concerts  
GROUP BY ConcertID  
LIMIT 1;
```

OUTPUT

Query #2 Execution time: 0ms

ConcertID	VenueName	ConcertDate
1	TOKYO DOME	2024-02-07

3. FIND THE VENUE THAT HOSTED THE MOST CONCERTS DURING THE ENTIRE TOUR.



```
SELECT VenueName, COUNT(VenueName) AS TOTAL  
FROM Concerts  
GROUP BY VenueName  
ORDER BY TOTAL DESC  
LIMIT 1;
```

OUTPUT

Query #3 Execution time: 1ms

VenueName	TOTAL
WEMBLEY STADIUM	8

4. CALCULATE THE TOTAL NUMBER OF CONCERTS IN EACH CITY ?



```
SELECT LocationCity,COUNT(LocationCity) AS NO_OF_CONCERT  
FROM Concerts  
GROUP BY LocationCity  
ORDER BY NO_OF_CONCERT ASC;
```

OUTPUT

Query #4 Execution time: 0ms

LocationCity	NO_OF_CONCERT
Madrid	1
Cardiff	1
Munich	2
Hamburg	2
Lisbon	2
Lyon	2
Milan	2
Zürich	2
Melbourne	3
Vancouver	3
Vienna	3
Warsaw	3

5. LIST THE CONCERTS IN WHICH THE VENUE NAME CONTAINS THE WORD 'STADIUM'?



```
SELECT * FROM Concerts  
WHERE VenueName LIKE "%STADIUM%";
```

OUTPUT

Query #5 Execution time: 1ms

ConcertID	ConcertDate	VenueName	LocationCity	LocationCountry
8	2024-02-23	ACCOR STADIUM	Sydney	Australia
9	2024-02-24	ACCOR STADIUM	Sydney	Australia
10	2024-02-25	ACCOR STADIUM	Sydney	Australia
11	2024-02-26	ACCOR STADIUM	Sydney	Australia
12	2024-03-02	NATIONAL STADIUM, SINGAPORE	Singapore	SG
13	2024-03-03	NATIONAL STADIUM, SINGAPORE	Singapore	SG
14	2024-03-04	NATIONAL STADIUM, SINGAPORE	Singapore	SG
15	2024-03-07	NATIONAL STADIUM, SINGAPORE	Singapore	SG
16	2024-03-08	NATIONAL STADIUM, SINGAPORE	Singapore	SG
17	2024-03-09	NATIONAL STADIUM, SINGAPORE	Singapore	SG
28	2024-06-02	GROUPAMA STADIUM	Lyon	France
29	2024-06-03	GROUPAMA STADIUM	Lyon	France

6. CALCULATE THE TOTAL NUMBER OF CONCERTS IN EACH MONTH ?



```
SELECT MONTHNAME(ConcertDate) AS MONTH  
      ,COUNT(*) AS TOTAL_CONCERTS  
FROM Concerts  
GROUP BY MONTH;
```

OUTPUT

Query #6 Execution time: 14ms

MONTH	TOTAL_CONCERTS
February	11
March	6
May	10
June	15
July	14
August	11
November	6
December	3

7. LIST THE CONCERTS WHERE TAYLOR SWIFT PERFORMED IN ASIAN COUNTRIES?

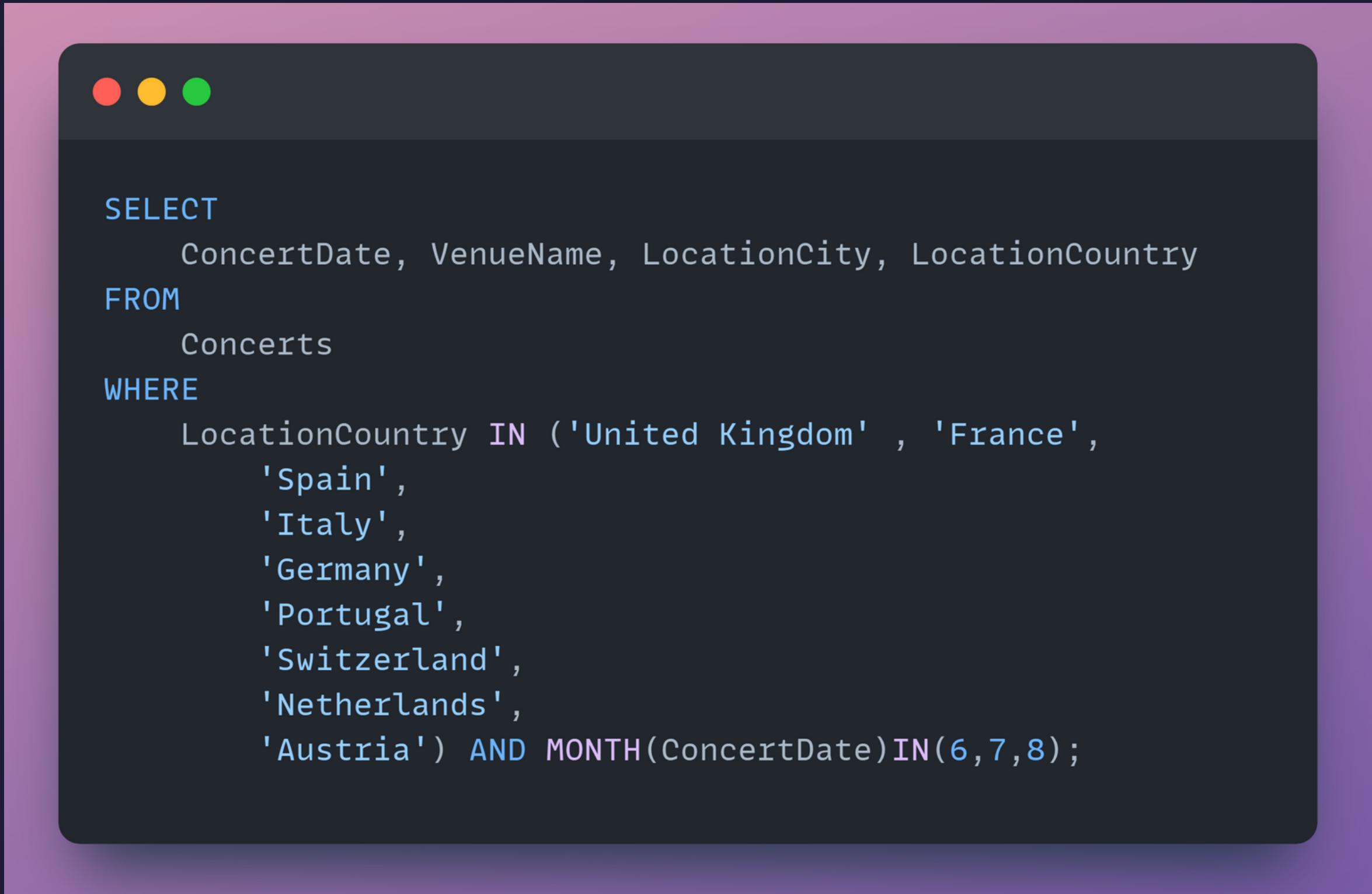
```
● ● ●  
SELECT  
    ConcertDate, VenueName, LocationCity, LocationCountry  
FROM  
    Concerts  
WHERE LocationCountry IN ("Japan" , "SG")  
ORDER BY ConcertDate ASC;
```

OUTPUT

Query #7 Execution time: 1ms

ConcertDate	VenueName	LocationCity	LocationCountry
2024-02-07	TOKYO DOME	Tokyo	Japan
2024-02-08	TOKYO DOME	Tokyo	Japan
2024-02-09	TOKYO DOME	Tokyo	Japan
2024-02-10	TOKYO DOME	Tokyo	Japan
2024-03-02	NATIONAL STADIUM, SINGAPORE	Singapore	SG
2024-03-03	NATIONAL STADIUM, SINGAPORE	Singapore	SG
2024-03-04	NATIONAL STADIUM, SINGAPORE	Singapore	SG
2024-03-07	NATIONAL STADIUM, SINGAPORE	Singapore	SG
2024-03-08	NATIONAL STADIUM, SINGAPORE	Singapore	SG
2024-03-09	NATIONAL STADIUM, SINGAPORE	Singapore	SG

8.LIST THE CONCERT DATES AND LOCATIONS IN EUROPEAN COUNTRIES DURING THE SUMMER MONTHS (JUNE, JULY, AUGUST)?



The image shows a mobile application interface with a dark background. At the top, there are three circular progress indicators in red, yellow, and green. Below them, the text "SELECT" is displayed in blue. Following this, a SQL query is shown in white text:

```
SELECT  
    ConcertDate, VenueName, LocationCity, LocationCountry  
FROM  
    Concerts  
WHERE  
    LocationCountry IN ('United Kingdom' , 'France',  
    'Spain',  
    'Italy',  
    'Germany',  
    'Portugal',  
    'Switzerland',  
    'Netherlands',  
    'Austria') AND MONTH(ConcertDate)IN(6,7,8);
```

OUTPUT

Query #8 Execution time: 0ms

ConcertDate	VenueName	LocationCity	LocationCountry
2024-06-02	GROUPAMA STADIUM	Lyon	France
2024-06-03	GROUPAMA STADIUM	Lyon	France
2024-06-07	SCOTTISH GAS MURRAYFIELD STADIUM	Edinburgh	United Kingdom
2024-06-08	SCOTTISH GAS MURRAYFIELD STADIUM	Edinburgh	United Kingdom
2024-06-09	SCOTTISH GAS MURRAYFIELD STADIUM	Edinburgh	United Kingdom
2024-06-13	ANFIELD STADIUM	Liverpool	United Kingdom
2024-06-14	ANFIELD STADIUM	Liverpool	United Kingdom
2024-06-15	ANFIELD STADIUM	Liverpool	United Kingdom
2024-06-18	PRINCIPALITY STADIUM	Cardiff	United Kingdom
2024-06-21	WEMBLEY STADIUM	London	United Kingdom
2024-06-22	WEMBLEY STADIUM	London	United Kingdom

THANK
you



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