Ayodhya Ram Temple SQL Analysis

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Digits n Data

Challenge Overview

The challenge is to craft SQL queries to extract insights from the Ayodhya Ram Temple database.

Tables

01 Deity

02 Temple

03 ConstructionPhase

04 Architecture

05 Donations

06 Events

07 TempleEvents

Questions

1) Retrieve information about the Ram Mandir?

2) List all construction phases for the Ram Mandir?

3) Find the total amount of donations received for the Ram Mandir?

4) Get details about the architecture of the Ram Mandir

5) Retrieve events associated with the Ram Mandir?

6) Find donors who contributed more than 50000 towards the Ram Mandir?

7) Retrieve details about a specific deity (e.g., Rama) ?

8) Find the start and end dates of the construction phases for the Ram Mandir?

9) Count the number of events associated with each temple?

10) Find the donors who made contributions on or after 2021-06-01'?

1)Retrieve information about the Ram Mandir?

SELECT * FROM temple;

Output

	TempleID	Name	Location	ConstructionStartDate	ExpectedCompletionDate
▶	1	Ram Mandir	Ayodhya, Uttar Pradesh, India	2020-03-01	2024-01-22
	NULL	NULL	NULL	NULL	NULL

2)List all construction phases for the Ram Mandir?

SELECT PhaseID, PhaseName FROM constructionphase;

Output

	PhaseID	PhaseName
▶	1	Phase 1
	2	Phase 2
	3	Phase 3
	4	Phase 4

3)Find the total amount of donations received for the Ram Mandir?

SELECT SUM(Amount) AS TOTAL_AMOUNT_DONATION FROM donations;

Output

TOTAL_AMOUNT_DONATION
1527925.00

4) Get details about the architecture of the Ram Mandir?

SELECT * FROM architecture;

Output

ArchitectureID	TempleID	ArchitectName	Description
1	1	Chandrakant Sompura	Chief architect of the temple
2	1	Nikhil Sompura	Assistant architect
3	1	Ashish Sompura	Assistant architect
NULL	NULL	NULL	NULL

5)Retrieve events associated with the Ram Mandir?

SELECT * FROM events;

Output

EventID	EventName	EventDate	Description
1	Commencement Ceremony	2020-08-05	Ceremony celebrating the commencement of Ra...
2	Bhoomi Pujan Ceremony	2020-08-05	Ground-breaking ceremony with Vedic rituals an...
3	Vijay Mahamantra Jaap Anushthan	2020-04-06	Chanting of Vijay Mahamantra for victory over ...
4	Pran Pratishtha Ceremony	2024-01-22	Consecration ceremony scheduled for the install...

6)Find donors who contributed more than 50000 towards the Ram Mandir?

SELECT DonorName, Amount FROM donations WHERE Amount > 50000 ;

Output

	DonorName	Amount
▶	Ram Nath Kovind	50 1000.00
	Leadership Council	1000000.00

7)Retrieve details about a specific deity (e.g., Rama) ?

SELECT * FROM deity WHERE Name = "Rama";

Output

DeityID	Name	Description
1	Rama	An incarnation of Vishnu, a principal deity of Hin…
NULL	NULL	NULL

8)Find the start and end dates of the construction phases for the Ram Mandir?

SELECT PhaseName, StartDate, CompletionDate FROM constructionphase;

Output

PhaseName	StartDate	CompletionDate
Phase 1	2020-03-01	2020-05-15
Phase 2	2020-06-01	2020-08-30
Phase 3	2021-01-10	2021-03-25

9)Count the number of events associated with each temple?

SELECT COUNT(*) AS Number_of_events FROM temple T JOIN templeevents TE ON TE.TempleID = T.TempleID;
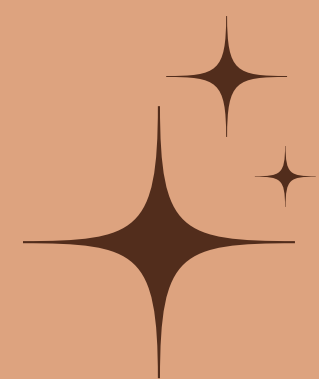
Output

Number_of_events
4

10)Find the donors who made contributions on or after 2021-06-01'?

SELECT DonorName, Amount, DonationDate FROM donations
WHERE DATE(DonationDate) >= '2021-06-01';

Output

	DonorName	Amount	DonationDate
▶	VHP Activist 1	50.00	2021-06-01
	VHP Activist 2	75.00	2021-06-15
	Muslim Community Member	1000.00	2021-07-01
	Christian Community Member	500.00	2021-07-15
	Anonymous Supporter	200.00	2021-08-01

Thank You