

*SQL CHALLENGE*

**Maldives**

**vs**

**Lakshadweep**



## QUESTIONS

- 1)Retrieve the number of visitors to the Maldives in 2019?
- 2)Retrieve the average budget per day and best time to visit for destinations with more than 10,000 tourists in 2022?
- 3)Retrieve the unique features of tourist attractions in Lakshadweep?
- 4)Retrieve the number of Indian tourists who visited the Maldives in 2021?
- 5)Find the destinations with the highest tourism revenue in 2022?

**CREATE A LINKEDIN POST. ENSURE THAT YOU TAG @DIGITS N DATA AND @NITISH KUMAR TO LET ME KNOW HOW YOU GET ON!**



# TABLES

## indiantourists

### Columns (4)

- indiantouristid
- destinationid
- year
- numberoftourists

## destination

### Columns (18)

- destinationid
- name
- geographicallocation
- numberofislands
- capitalcity
- tourismrevenue
- underwateractivities
- accessibility
- culture
- language
- besttimetovisit
- visarequirements
- currency
- transportation
- averagebudgetperday
- shoppingoptions
- durationofstay
- uniquefeatures

## touristattractions

### Columns (4)

- attractionid
- destinationid
- name
- description

## touristarrivals

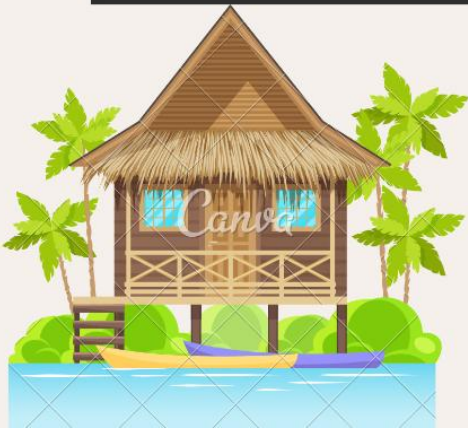
### Columns (4)

- arrivalid
- destinationid
- year
- numberofvisitors

# Q1: Retrieve the number of visitors to the Maldives in 2019?

```
SELECT name AS destination_name, year, numberofvisitors FROM destination  
JOIN touristarrivals ON destination.destinationid=touristarrivals.destinationid  
WHERE year=2019 AND name LIKE 'Maldives%';
```

destination_name character varying (255)	year integer	numberofvisitors integer
Maldives	2019	6985








***Q2 : Retrieve the average budget per day and best time to visit for destinations with more than 10,000 tourists in 2022?***

```
SELECT name AS destination_name, averagebudgetperday, besttimetovisit,
numberofvisitors, year FROM destination
JOIN touristarrivals ON destination.destinationid=touristarrivals.destinationid
WHERE year=2022
GROUP BY name, averagebudgetperday, besttimetovisit, numberOfvisitors, year
HAVING numberOfvisitors > 10000;
```

destination_name character varying (255)	averagebudgetperday numeric (10,2)	besttimetovisit character varying (255)	numberofvisitors integer	year integer
Maldives	17500.00	November to March (dry season)	22800	2022

Q3: Retrieve the unique features of tourist attractions in Lakshadweep?

```
SELECT destination.name AS destination_name,  
touristattractions.name AS visiting_spot_name, description  
FROM destination  
JOIN touristattractions ON  
destination.destinationid=touristattractions.destinationid  
WHERE destination.name='Lakshadweep';
```




destination_name character varying (255) 	visiting_spot_name character varying (255) 	description character varying (1000) 
Lakshadweep	Minicoy Island	A beach lover's haven with numero...
Lakshadweep	Kavaratti	The capital city is surrounded by a...
Lakshadweep	Kadmat Island	Famed for its beautiful coral reefs, ...





Q4: Retrieve the number of Indian tourists who visited the Maldives in 2021?

```
SELECT name AS destination_name, numberoftourists, year
FROM destination
JOIN indiantourists ON destination.destinationid=indiantourists.destinationid
WHERE destination.destinationid=1 AND year=2021
;
```

destination_name character varying (255) 	numberoftourists integer 	year integer 
Maldives	209198	2021






Q5 : Find the destinations with the highest tourism revenue in 2022?

```
WITH rev AS (  
  SELECT name AS destination_name, tourismrevenue, numberofvisitors, year  
  FROM destination  
  JOIN touristarrivals ON destination.destinationid=touristarrivals.destinationid  
)  
SELECT destination_name,  
ROUND((tourismrevenue*numberofvisitors),2) AS total_rev, year  
FROM rev  
WHERE year=2022  
ORDER BY 2 DESC  
LIMIT 1;
```





output

destination_name character varying (255) 	total_rev numeric 	year integer 
Maldives	256659600.00	2022



PRESENTED BY  
SANNIDHYA DAS

# Thank you



Follow for more such contents .....