

# IT-214 Database Management System Group -- T102

## Project Title: "TOURISM GUIDE DATABASE"

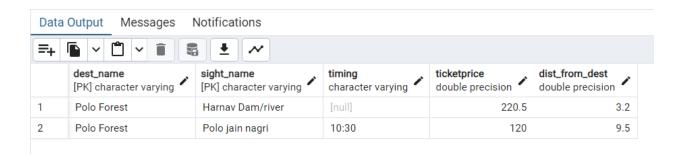
### **Queries**

Student ID	Name
202201017	Om Lachake
	(Representative)
202201041	Dhriti Goenka
202201060	Chintan Bhara
202201071	Nirva Patel
202201076	Vidhi Dhanani

#### **UNLOGGED USER**

1. List all the places one can visit near the Polo Forest.

SELECT \* FROM Sightseeing\_Places WHERE Dest\_Name='Polo Forest'



2. List the destinations that are of the type of beach. Also give the hotels available at these destinations.

Data Output Messages Notifications						
=+		<b>1 1 2 3</b>				
	destination_name character varying	hotel_id character varying	hotel_name character varying			
1	Madhavpur Beach	H018	Fern Resort			
2	Madhavpur Beach	H019	Hotel Kuber			
3	Nagoa Beach	H020	Radhika Resort			
4	Nagoa Beach	H021	Grand Highness			

Matifications

Maccagae

Data Output

### 3. Give a list of all sightseeing places where there are no timing restrictions and no ticket prices.

SELECT \* FROM Sightseeing\_places WHERE Timing IS NULL AND Ticketprice IS NULL

	dest_name [PK] character varying	sight_name [PK] character varying	timing character varying	ticketprice double precision	dist_from_dest double precision		
1	SOU	Sardar Sarovar Dam	[null]	[null]	5		
2	SOU	Zarvani waterfall	[null]	[null]	3.5		
3	Dwarkadhish Temple	Byet Dwarka	[null]	[null]	60		
4	Dwarkadhish Temple	Sunset point	[null]	[null]	4		
5	Dwarkadhish Temple	Shivrajpur beach	[null]	[null]	20		
6	Runn of Kutch	Mandvi beach	[null]	[null]	138.3		
7	Saputara	Gira Dhodh	[null]	[null]	4.2		
8	Nagoa Beach	Ghoghala Beach	[null]	[null]	28		

#### 4. For each destination, tell the hotel that is nearest to it.

```
SELECT Dest_Name, Hotel_ID, Hotel_Name, Dist_FROM_Dest FROM(
Hotels NATURAL
JOIN(

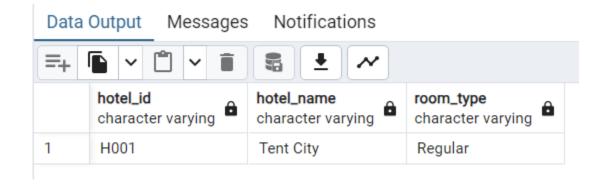
(SELECT Dest_name, Hotel_ID, Dist_FROM_dest FROM
Available_Hotels
NATURAL JOIN
Hotels) AS r1
NATURAL JOIN
(SELECT Dest_name, min(Dist_FROM_dest) AS Dist_FROM_dest FROM
Available_Hotels
NATURAL JOIN
Hotels GROUP BY Dest_name )AS r2
)AS r3
)

Data Output Messages Notifications

| Limit | Limi
```

=+				
	dest_name character varying	hotel_id character varying	hotel_name character varying	dist_from_dest double precision
1	Dwarkadhish Temple	H006	Guru Prerna	7
2	Saputara	H012	Tent City	2
3	SOU	H002	Fern Resort	4
4	Madhavpur Beach	H018	Fern Resort	4
5	Runn of Kutch	H009	Hotel White Desert	2
6	Pavagadh	H015	Hotel Ekant	2
7	Nagoa Beach	H021	Grand Highness	1.5
8	Polo Forest	H016	Polo Retreat Resort	1
9	Ambaji mata Temple	H007	Savita Govind	2
10	Gir National Park	H003	Lion's Den	0.5

#### 5. Which hotels have rooms at SOU in the range of Rs 1000 - Rs 3500?



#### 6. Give the hotel contact details which give the maximum refund for each destination.

```
SELECT Ah.Dest Name,
   H.Hotel Name,
   Hd.Hotel Id,
   Hd.Contact Num,
   Rp.Room_Type,
   Rp.Days,
   Rp.Amnt_Per AS MaxRefundPercentage
FROM Refund Policy Rp
JOIN (
    SELECT Ah.Dest Name,
        MAX(Rp.Amnt Per) AS MaxAmntPer
    FROM Refund_Policy Rp
    JOIN Available Hotels Ah ON Rp. Hotel Id = Ah. Hotel Id
    GROUP BY Ah.Dest Name
  ) MaxRefund ON Rp.Amnt Per = MaxRefund.MaxAmntPer
JOIN Available Hotels Ah ON Rp. Hotel Id = Ah. Hotel Id
AND Ah.Dest Name = MaxRefund.Dest Name
JOIN Hotel Contact Detail Hd ON Rp. Hotel Id = Hd. Hotel Id
JOIN Hotels AS H ON H.Hotel Id = Ah.Hotel Id;
```

=+		\$					
	dest_name character varying	hotel_name character varying	hotel_id character varying	contact_num bigint	room_type character varying	days integer	max_refund_percentage double precision
1	Dwarkadhish Temple	Fern Resort	H005	8789025372	Regular	5	95
2	Saputara	Hotel Lake View	H011	8751234165	Delux	1	91
3	SOU	Fern Resort	H002	8800991234	Delux	5	82
4	SOU	Fern Resort	H002	9876123009	Delux	5	82
5	Madhavpur Beach	Hotel Kuber	H019	8780987612	Regular	1	90
6	Runn of Kutch	KiAayo	H010	9012763908	Delux	3	95
7	Runn of Kutch	KiAayo	H010	9981233212	Delux	3	95
8	Pavagadh	Hotel Sarvottam	H014	8076245370	Regular	2	90
9	Nagoa Beach	Grand Highness	H021	8766781235	Regular	2	89
10	Polo Forest	Polo Retreat Resort	H016	8800011762	Delux	4	81
11	Ambaji mata Temple	Savita Govind	H007	9098906512	Regular	2	88
12	Gir National Park	Aaranya Resort	H004	9090877254	Regular	5	87

#### 7. Give the tour and travel company details which provide service at religious places.

SELECT DISTINCT Tours And Travels.\*

FROM Tours And Travels

NATURAL JOIN Pricing\_Conditions

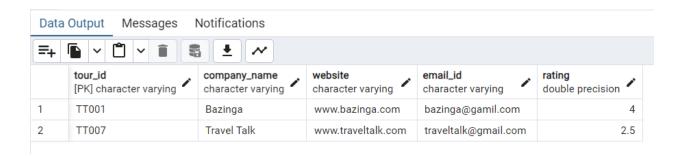
JOIN Destination AS D ON D.Destination\_Name = Pricing\_Conditions.Dest\_Name

WHERE Dest\_Name IN

(SELECT Destination Name

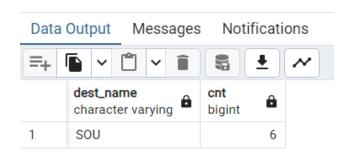
**FROM Destination** 

WHERE Type\_Of\_Place = 'Religious Place');

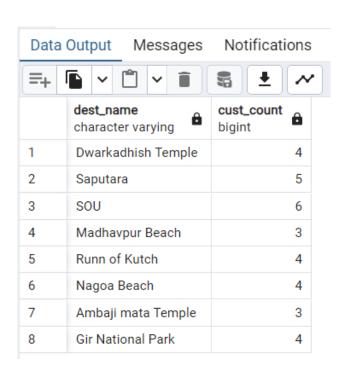


#### 8. Return the destination which is most visited by customers.

SELECT DestName, COUNT(DestName) AS Cnt FROM Visited GROUP BY DestName ORDER BY Cnt DESC LIMIT 1;

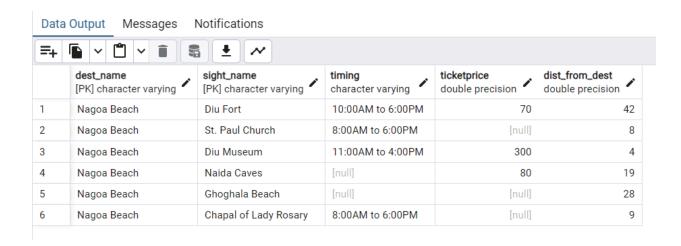


#### 9. List all the destinations where more than 2 customers have given at least 3 stars.



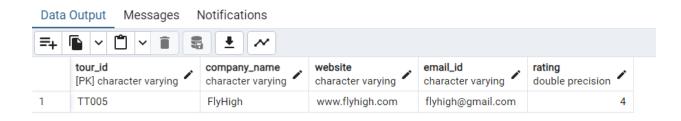
#### 10. Give the destinations and all of their respective sightseeing places located in Diu city.

```
SELECT DestName, SightName, Timing, TicketPrice, DistFromDest
FROM (
    SELECT *
    FROM Destination
    WHERE City = 'Diu'
) AS R1
JOIN SightseeingPlaces AS R2 ON R2.DestName = R1.DestinationName) AS R3;
```



### 11. Give the details of the tour and travel company that has the lowest consultancy fee for Nagoa Beach.

```
SELECT Tours_And_Travels.*
FROM (
    Tours_And_Travels NATURAL JOIN (
        SELECT Tourld, MIN(ConsultantFee) AS Fee
        FROM Pricing_Conditions
        WHERE DestName = 'Nagoa Beach'
        GROUP BY Tourld
        ORDER BY Fee
        LIMIT 1
    ) AS R2
);
```



#### 12. Write a query to find the place that has the highest footfall in the month of February.

SELECT DestName, COUNT(\*) AS Visits

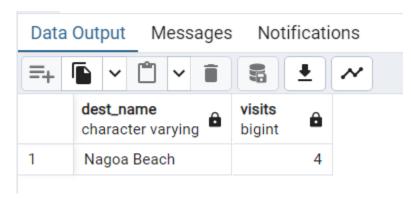
**FROM Visited** 

WHERE EXTRACT(MONTH FROM StartDate) = 2

**GROUP BY DestName** 

**ORDER BY Visits DESC** 

LIMIT 1;



### 13. List the destinations and their respective costs if five individuals visit all of the sightseeing spots and spend no more than Rs 5,500.

SELECT Dest Name, Expenditure FROM(

SELECT Dest\_Name, SUM(TicketPrice\*5) AS Expenditure From SightSeeing\_Places GROUP BY Dest Name

**EXCEPT** 

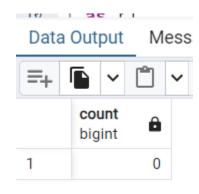
SELECT Dest\_Name, SUM(TicketPrice\*5) AS Expenditure FROM Sightseeing\_Places GROUP BY Dest\_Name HAVING SUM(TicketPrice\*5)>5500

) AS r1 ORDER BY Expenditure

Data	Data Output Messages Notifications				
	dest_name character varying	expenditure double precision			
1	Gir National Park	100			
2	Pavagadh	1500			
3	SOU	1500			
4	Polo Forest	1702.5			
5	Nagoa Beach	2250			
6	Madhavpur Beach	2800			
7	Ambaji mata Temple	[null]			
8	Runn of Kutch	[null]			
9	Dwarkadhish Temple	[null]			

#### **CUSTOMER**

1. Return the total number of deluxe rooms available in H002 from January 14 to January 16, 2024.

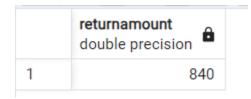


2. C014 wants to know how much money he will receive if he cancels a booking at hotel H006, R1002, Regular on January 13, 2024.

```
SELECT BookedDays*Price - BookedDays*Price*Amnt_per/100 AS ReturnAmount FROM(
Refund_policy NATURAL JOIN Room_Type NATURAL JOIN
(SELECT Hotel_ID, Room_Type, EndDate-StartDate AS BookedDays,
StartDate-'2024-01-14' AS Days FROM Bookings

WHERE Hotel_ID = 'H006' AND Cust_ID = 'C014' AND Room_Type =
'Regular') as q1

) AS R2
```



3. Customer ID C002 has booked a regular room at Hotel H001 with a start date of February 15, 2024. However, he now wishes to modify the room type to Delux. So, how much would this booking cost him in total, given that the hotel only gives him a partial refund for canceling the usual room?

```
SELECT SUM(New Price+Price paid-Refund Amount) AS Total Expenditure FROM(
             (SELECT Cust ID, Hotel ID, BookedDays*Price AS Price Paid,
             BookedDays*Price*Amnt per/100 AS Refund Amount FROM(
                  (SELECT Cust_ID, Hotel_ID, Room_Type, EndDate-StartDate AS
             BookedDays, StartDate-'2024-02-13' AS Days FROM Bookings
                             WHERE Hotel ID = 'H001' AND Cust ID = 'C002' AND
             StartDate = '2024-02-15' AND Room Type = 'Regular') AS r1
                  NATURAL JOIN
                  Room Type
                  NATURAL JOIN
                  Refund Policy
    ) AS r2
  )AS r3
  NATURAL JOIN
  (SELECT Hotel ID, Price*2 AS New Price FROM Room Type WHERE Hotel ID = 'H001' AND
             Room Type = 'Delux') AS r5
) AS r6
 Data Output
               Messages
 =+
       total_expenditure
       double precision
```

1

12500

4. A customer named Mohit Sharma wants to know the destination details he has visited on or before February 18, 2024.

```
SELECT Destination.* FROM Destination NATURAL JOIN(

SELECT Dest_Name AS Destination_Name FROM(

Visited AS v

JOIN Customer AS c1 ON v.Cust_ID = c1.Customer_ID) AS r1

WHERE r1.Start_Date <= ('2024-02-18')

AND r1.CustomerName = 'Mohit Sharma'

)AS r2
```

=+								
	destination_name [PK] character varying	type_of_place character varying	city character varying	nearby_landmark character varying	area character varying	pincode integer	bus_stat_dist double precision	railway_stat_dist double precision
1	SOU	Tourist spot	Bharuch	Statue of Unity Road	Kevadiya	393155	3.5	10
2	Saputara	Hill station	Dang	Near Patang Hotel	Ahwa	394720	1	5
3	Polo Forest	Tourist Spot	Sabarkantha	Near Polo Tent City	Bandhana	383460	7	7

5. On March 20, 2024, C010 visited Nagoa Beach and booked hotel accommodations. Now he wants to know how much did he spend in all if he traveled to every single sightseeing spot also.

SELECT Cust\_ID, SUM(Hotel\_Price + Sight\_price) FROM(
(SELECT Cust\_ID, SUM(BookedDays\*Price) AS Hotel\_Price FROM(
(SELECT Cust\_ID, Hotel\_ID, Room\_Type, Dest\_Name, EndDate-StartDate AS
BookedDays FROM Bookings

NATURAL JOIN Available\_Hotels

WHERE

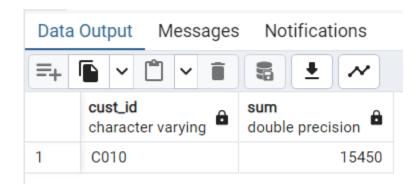
StartDate = '2024-03-20' AND Dest Name = 'Nagoa Beach' AND Cust ID = 'C010') AS r1

NATURAL JOIN Room Type) GROUP BY Cust ID) AS r2

**NATURAL JOIN** 

(SELECT Cust\_ID, SUM(TicketPrice) AS Sight\_Price FROM Sightseeing\_Places NATURAL JOIN Visited

WHERE Dest\_Name = 'Nagoa Beach' AND Cust\_ID = 'C010' GROUP BY Cust\_ID)AS r3
) AS r4 GROUP BY Cust\_ID



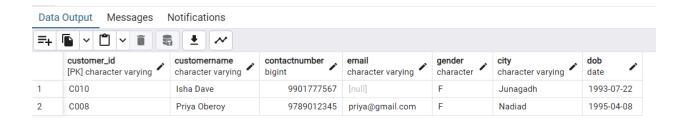
#### 6. Give the customer details of those who booked more than 1 room in the same hotel.

SELECT r1.\* FROM(

**Customer NATURAL JOIN** 

(SELECT Cust\_ID AS Customer\_ID FROM Bookings GROUP BY Hotel\_ID,Cust\_ID HAVING COUNT(Cust\_ID)>1) AS r2

) AS r1



#### 7. The customer wants to know the minimum package according to Tour and Travel.

SELECT L.DEST\_NAME,

L.TOUR ID,

MIN(AMOUNT)AS AMT

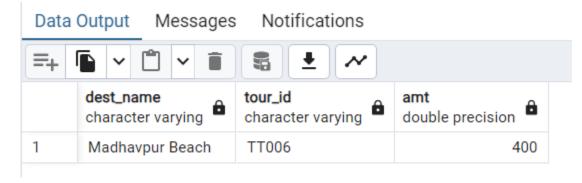
FROM PACKAGES AS L

GROUP BY L.DEST\_NAME,

L.TOUR\_ID

ORDER BY AMT

LIMIT 1



8. Customer named Seema Goenka wants to check how much she has paid to TT006.

SELECT TOUR\_ID,

SUM((ADULTS \* CONSULTANT\_FEE) + (CHILDREN \* CONSULTANT\_FEE)) FROM

(SELECT TOUR ID,

ADULTS,

CHILDREN,

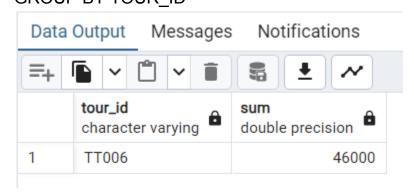
DEST\_NAME

FROM TOURIST AS T1

JOIN CUSTOMER AS C1 ON C1.CUSTOMER\_ID = T1.CUST\_ID

WHERE C1.CUSTOMERNAME = 'Seema Goenka') AS R1

NATURAL JOIN PRICING\_CONDITIONS AS R2 GROUP BY TOUR ID



### 9. Give the Tours and Travels who provide both consultancy and packages at the same destination.

SELECT Tour\_ID, Dest\_Name FROM(

 ${\tt SELECT\ Tour\_ID,\ Dest\_Name\ FROM\ Pricing\_Conditions}$ 

INTERSECT

SELECT Tour\_ID, Dest\_Name FROM Packages

) AS r1

Data	Output Messages	Notifications
=+		
	tour_id character varying	dest_name character varying
1	TT006	Gir National Park
2	TT009	Saputara
3	TT002	Gir National Park
4	TT007	Dwarkadhish Temple
5	TT005	Nagoa Beach
6	TT001	Dwarkadhish Temple
7	TT005	Saputara
8	TT003	SOU
9	TT008	Pavagadh
10	TT006	Madhavpur Beach
11	TT009	Runn of Kutch
12	TT005	Runn of Kutch
13	TT001	Ambaji mata Temple
14	TT007	Polo Forest

### 10. The customer wants to fetch the contact details of a tour and travel company which provides service at Saputara.

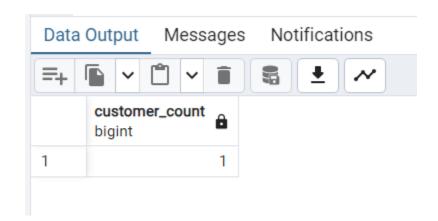
SELECT R1.\*
FROM TOUR\_CONTACT\_DETAILS AS R1
JOIN PRICING\_CONDITIONS AS P1 ON R1.TOUR\_ID = P1.TOUR\_ID
WHERE P1.DEST\_NAME = 'Saputara'

<b>≒ □</b> ∨ <b>□</b> ∨ <b>□ 3 ±</b> <i>~</i>				
	tour_id [PK] character varying	contact_number [PK] bigint		
	TT005	9007654321		
2	TT005	9007650021		
}	TT009	9087604321		
	TT009	9067604321		

#### **HOTEL:**

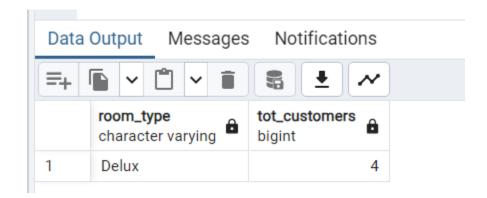
#### 1. Return the number of customers who have given more than 3 stars to Hotel H005.

SELECT COUNT(CustId) AS CustomerCount FROM Rating\_Hotel WHERE Stars > 3 AND Hotel\_Id = 'H005';



#### 2. Which is the most preferred room type by customers in Hotel H002.

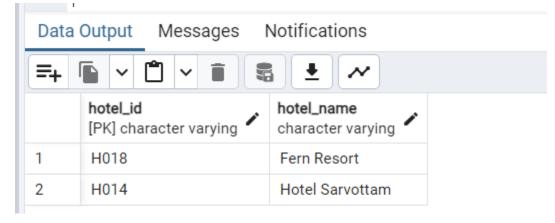
SELECT Room\_Type, COUNT(Room\_Type) AS Tot\_Customers FROM Bookings
WHERE Hotel\_Id = 'H002'
GROUP BY Bookings.Room\_Type
ORDER BY Tot\_Customers DESC
LIMIT 1;



#### 3. Give the Hotel\_ID and Hotel\_Name where there is no booking.

SELECT Hotel ID, Hotel Name FROM( Hotels NATURAL JOIN( SELECT Hotel ID FROM Hotels **EXCEPT** SELECT DISTINCT Hotel ID FROM Bookings ) AS r1





#### 4. Give the details of customers who will check-in on 05/03/2024 in H016.

SELECT r1.\* FROM(

**Customer NATURAL JOIN** 

(SELECT Cust ID AS Customer ID FROM Bookings WHERE Hotel ID = 'H016'

AND StartDate = '2024-03-05') AS r2

) AS r1



#### 5. Return the number of bookings done by tour companies for each hotel.

) AS r1 WHERE cnt <> 0

Data Output Messages Notifications				
=+		<u>+</u> ~		
	hotel_id [PK] character varying	hotel_name character varying	cnt bigint	
1	H001	Tent City	1	
2	H002	Fern Resort	4	
3	H003	Lion's Den	1	
4	H004	Aaranya Resort	1	
5	H005	Fern Resort	3	
6	H006	Guru Prerna	1	
7	H008	Parvati Sadan	1	
8	H010	KiAayo	2	
9	H011	Hotel Lake View	1	
10	H012	Tent City	1	
11	H013	Jalsa Villa	1	
12	H015	Hotel Ekant	2	
13	H017	Polo Forest Resort	1	
14	H020	Radhika Resort	1	

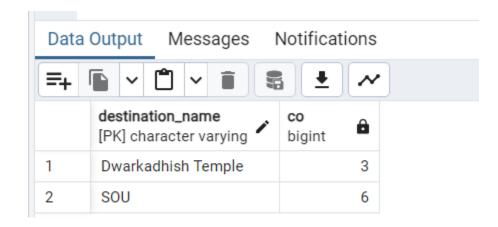
#### 6. List the number of bookings at the Fern Resort for each Destination.

SELECT d.Destination name, count(Cust ID) AS co

FROM((SELECT hotel\_id,Cust\_ID FROM Bookings NATURAL JOIN Hotels WHERE Hotel\_name = 'Fern Resort')

AS r1 NATURAL JOIN Available\_Hotels) AS r2 JOIN Destination AS d ON d.Destination\_name = r2.Dest\_Name

group BY d.Destination\_name



#### 7. How much has H017 earned in the month of February from each customer?

SELECT b.Cust\_ID, SUM(r.Price) AS Total\_Earnings

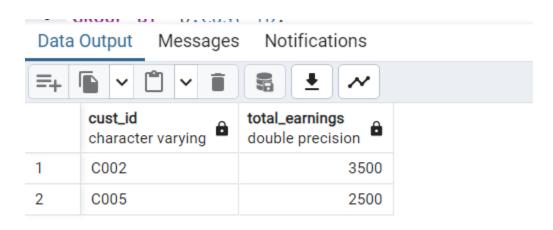
FROM Bookings b

JOIN Room\_Type r ON b.Hotel\_ID = r.Hotel\_ID AND b.Room\_Type = r.Room\_Type

WHERE EXTRACT(MONTH FROM b.StartDate) = 2

AND b.Hotel\_ID = 'H017'

GROUP BY b.Cust\_ID;



#### 8. At which destination does Fern Resort have the maximum rating?

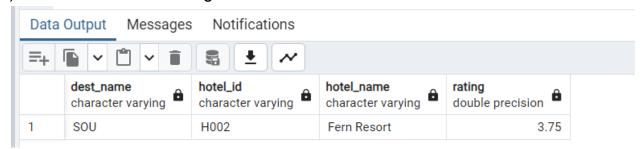
SELECT Dest\_Name, Hotel\_ID, Hotel\_Name, Rating FROM(

(SELECT Hotel\_ID, Hotel\_Name, Rating FROM Hotels WHERE Hotel\_Name =

'Fern Resort') AS r2

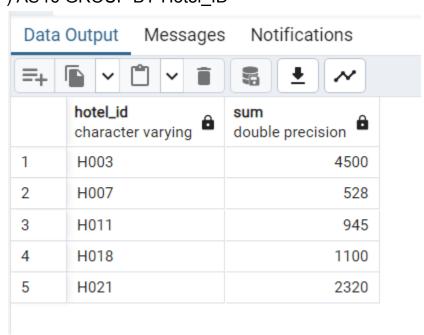
NATURAL JOIN Available Hotels

) AS r1 ORDER BY Rating DESC LIMIT 1



#### 9. List the profit for all Hotels from cancellations.

) AS r6 GROUP BY Hotel ID



### 10. Fern Resorts wants to get the details of a customer who has booked their hotel at all three destinations.

SELECT \* FROM Customer WHERE Customer\_ID IN(
SELECT Cust\_ID FROM

(SELECT DISTINCT Cust\_ID, Hotel\_ID FROM Bookings NATURAL JOIN Hotels WHERE Hotel\_Name = 'Fern Resort') AS r1

GROUP BY Cust\_ID HAVING COUNT(Hotel\_ID)=3)



#### **Tour and Travel**

### 1. Which customers prefer Tours and Travel as a means of booking rather than direct booking?

SELECT DISTINCT c.\* FROM

Customer AS c JOIN Bookings AS b ON c.Customer\_ID = b.Cust\_ID WHERE b.Tour\_id IS NOT NULL;

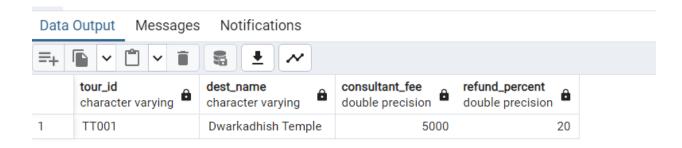
	customer_id [PK] character varying	customername character varying	contactnumber bigint	email character varying	gender character	city character varying	dob date
1	C002	Jancy John	9876543210	[null]	F	Surat	1992-07-14
2	C006	Seema Goenka	9567890123	seema@gmail.com	F	Jamnagar	1983-09-17
3	C010	Isha Dave	9901777567	[null]	F	Junagadh	1993-07-22
4	C014	Nishil Parmar	98909872435	nishil@gmail.com	M	Surat	2004-11-19
5	C009	Nitin Joshi	9890123456	nitinj@gmail.com	М	Morbi	1986-12-19
6	C008	Priya Oberoy	9789012345	priya@gmail.com	F	Nadiad	1995-04-08
7	C003	Raj Patel	9234567890	rajpatel@gmail.com	M	Vadodara	1988-03-12
8	C015	Isha Patel	9929987654	[null]	F	Junagadh	2001-07-26
9	C011	Sonia Trivedi	9567890123	sonia@gmail.com	F	Jamnagar	1980-09-15

2. Which other tour and travel companies provide services at Dwarkadhish Temple other than TT007 and what are their pricing conditions.

SELECT DISTINCT P.TOUR\_ID,
P.DEST\_NAME,
PC.CONSULTANT\_FEE,
PC.REFUND\_PERCENT
FROM PACKAGES AS P

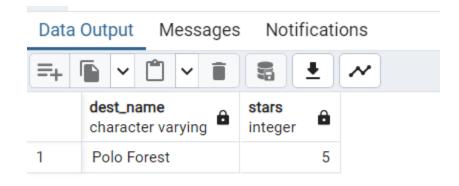
NATURAL JOIN PRICING\_CONDITIONS AS PC WHERE P.DEST\_NAME = 'Dwarkadhish Temple'

AND P.TOUR\_ID <> 'TT007';



#### 3. Give the Destination where TT001 gets maximum rating from the customers.

SELECT T.DEST\_NAME,
R.STARS
FROM RATING\_TANDT AS R
NATURAL JOIN TOURIST AS T
WHERE T.TOUR\_ID = 'TT001'
GROUP BY T.DEST\_NAME,
R.STARS
ORDER BY R.STARS DESC
LIMIT 1;



### 4. TT005 wants the contact details of the customers who cancelled their booking in February.

SELECT C2.CUST\_ID,

C1.CONTACTNUMBER,

C2.CANCELLATIONDATE

FROM CUSTOMER AS C1

JOIN CANCELLATIONS AS C2 ON C1.CUSTOMER\_ID = C2.CUST\_ID

WHERE C2.TOUR\_ID = 'TT005'

AND EXTRACT(MONTH FROM C2.CANCELLATIONDATE) = 2;

	cust_id character varying	contactnumber bigint	cancellationdate date
1	C015	9929987654	2024-02-16
2	C015	9929987654	2024-02-24

### 5. TT008 wants to know about the start date, number of days, and number of people going to SOU for customer C008.

```
SELECT V.DEST_NAME,

V.CUST_ID,

V.START_DATE,

V.NO_OF_DAYS

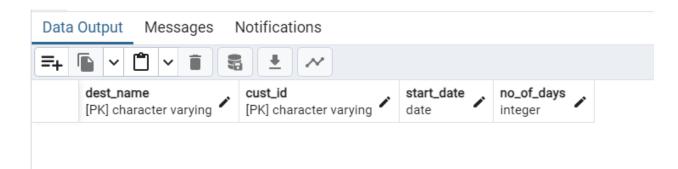
FROM VISITED AS V

JOIN TOURIST AS T ON V.DEST_NAME = T.DEST_NAME

WHERE T.TOUR_ID = 'TT008'

AND V.CUST_ID = 'C008'

AND V.DEST_NAME = 'SOU';
```



### 6. TT002 wants to know about the room availability in Lion's Den in Gir National Park on 02/02/2024.

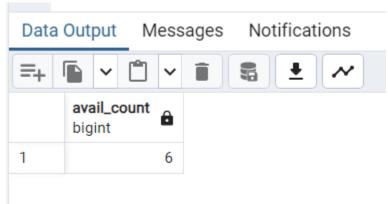
SELECT COUNT(Room\_No) FROM(

SELECT Hotel\_ID, Room\_Type, Room\_No FROM Room\_Number NATURAL JOIN (SELECT Hotel\_ID FROM Hotels WHERE Hotel\_Name = 'Lion's Den') AS r1

**EXCEPT** 

SELECT Hotel\_ID, Room\_Type, Room\_No FROM Bookings NATURAL JOIN (SELECT Hotel\_ID FROM Hotels WHERE Hotel\_Name = 'Lion''s Den') AS r2 WHERE StartDate='2024-02-02'

) AS r3



### 7. How many customers have booked hotels by TT004 in the month of January? Give their details.

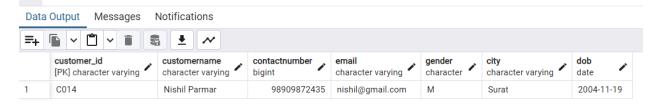
SELECT DISTINCT c.Customer\_ID, c.CustomerName, c.ContactNumber, c.Email, c.Gender, c.City, c.DOB

FROM Customer c

JOIN Bookings b ON c.Customer ID = b.Cust ID

WHERE b.Tour ID = 'TT004'

AND EXTRACT(MONTH FROM b.StartDate) = 1;



#### 8. What is the total consultant fee earned by TT003 in the month of February.

**SELECT** 

SUM(pc.Cosultant Fee) AS total Consultancy fees

**FROM** 

Tourist t

JOIN

Packages p ON t.Tour ID = p.Tour ID

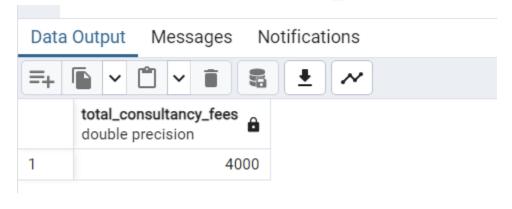
**JOIN** 

Pricing\_conditions pc ON t.Tour\_ID = pc.Tour\_ID

WHERE

t.Tour ID = 'TT003'

AND EXTRACT(MONTH FROM t.Start Date) = 2;



### 9. Thomas Cook Company wants to know the details of the customer who has provided the minimum rating.

```
SELECT C1.*
FROM
```

(SELECT R1.CUST\_ID, MIN(STARS) AS STAR\_CUST FROM (SELECT\*

FROM TOURS\_AND\_TRAVELS AS T1

JOIN RATING\_TANDT AS T2 ON T1.TOUR\_ID = T2.TOUR\_ID WHERE COMPANY NAME = 'Compass') AS R1

GROUP BY R1.CUST\_ID ORDER BY STAR\_CUST LIMIT 1) AS L1

JOIN CUSTOMER AS C1 ON L1.CUST\_ID = C1.CUSTOMER\_ID



### 10. TT009 wants to check which other TT provides packages and at which rates in Runn of Kutch.

SELECT DISTINCT p.Tour\_ID, t.Company\_name, p.Days, p.Amount FROM Packages AS p NATURAL JOIN Tours\_and\_Travels AS t WHERE p.Dest Name='Runn of Kutch' AND p.Tour ID!='TT009'

Data Output Messages Notifications				
=+				
	tour_id character varying	company_name character varying	days integer	amount double precision
1	TT004	Skyworld	5	10500
2	TT004	Skyworld	6	12000
3	TT005	FlyHigh	3	7000