## THANKSGIVING FEAST ANALYTICS: A DATA-





### PROJECT DESCRIPTION:

In "Feast and Festivities," we embark on a data-driven exploration of Thanksgiving celebrations to uncover insights, trends, and patterns surrounding this cherished holiday. This project delves into various aspects of Thanksgiving, from the traditional feast to social media activity, offering a comprehensive analysis that goes beyond the surface of the holiday season

### TABLES USED

01 - CELEBRATIONS

02 - DISHES

03 - SOCIAL MEDIA ACTIVITY



#### 1) RETRIEVE CELEBRATIONS WITH THE HIGHEST NUMBER OF GUESTS?



```
SELECT celebration_id, location, num_guests
FROM celebrations
WHERE num_guests = (SELECT MAX(num_guests) FROM celebrations);
```

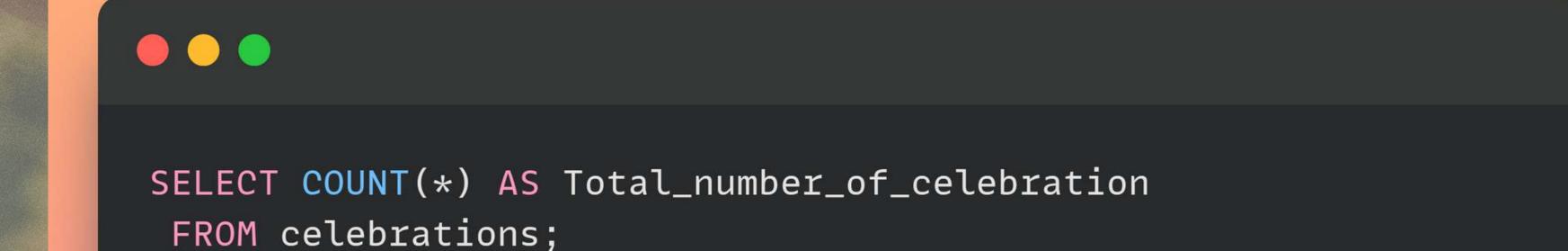


Query #1 Execution time: 1ms

celebration_id	location	num_guests
8	Atlanta	15



#### 2) WHAT IS THE TOTAL NUMBER OF CELEBRATION?





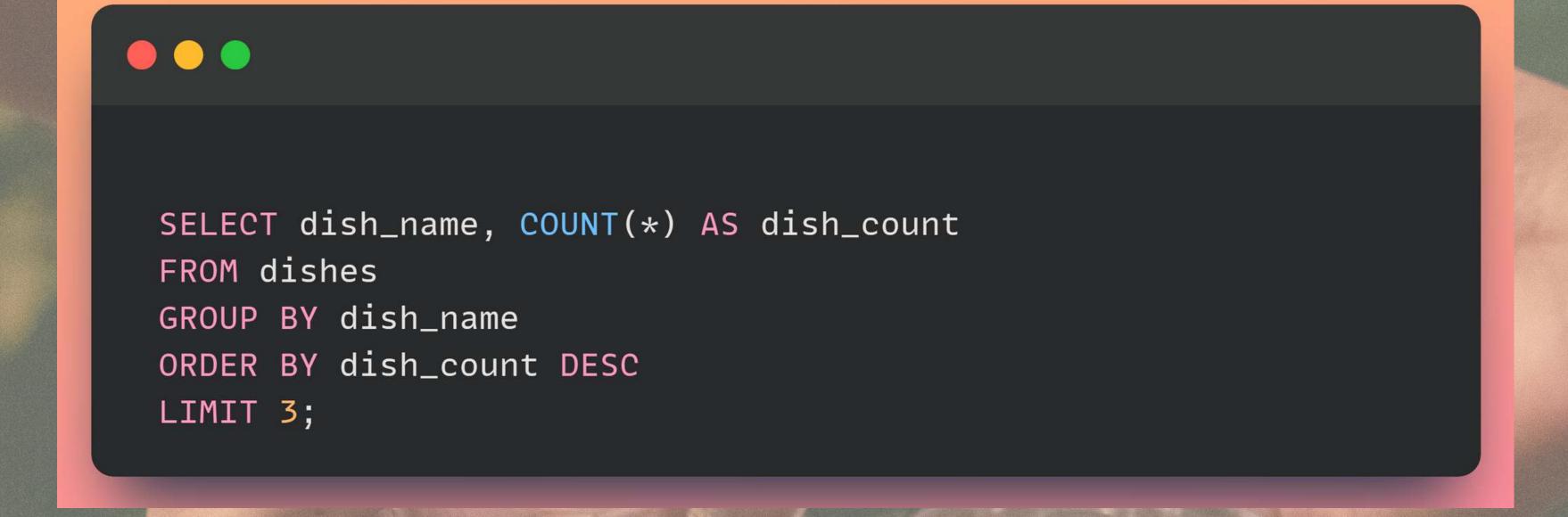
Query #2 Execution time: 1ms

Total\_number\_of\_celebration

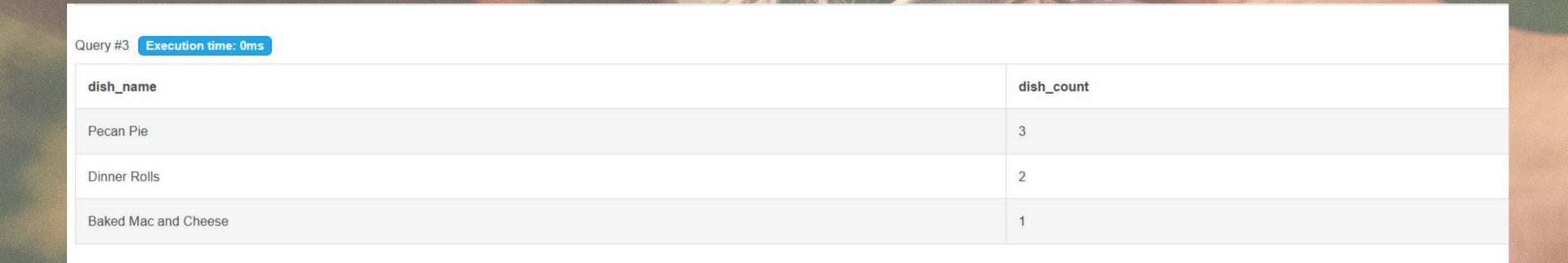
50



#### 3) WHAT IS THE TOP 3 MOST POPULAR DISHES?







### 4) WHAT IS THE AVERAGE TRAVEL DISTANCE FOR THANKSGIVING CELEBRATIONS?



SELECT AVG(travel\_distance) AS Average\_travel\_distance
FROM celebrations;

Query #4 Execution time: 0ms

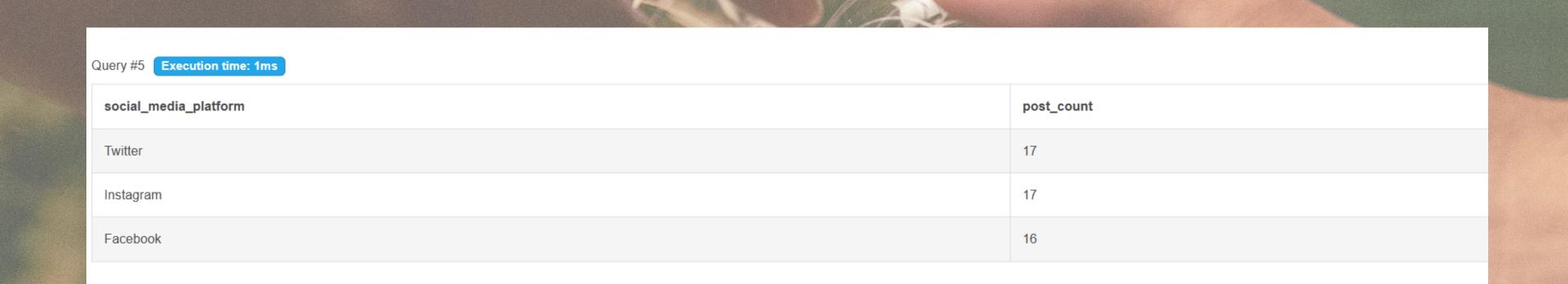
Average\_travel\_distance

113.033000



### 5) WHAT IS THE TOTAL NUMBER OF SOCIAL MEDIA POSTS PER PLATFORM?

```
SELECT social_media_platform, COUNT(*) AS post_count
FROM social_media_activity
GROUP BY social_media_platform;
```



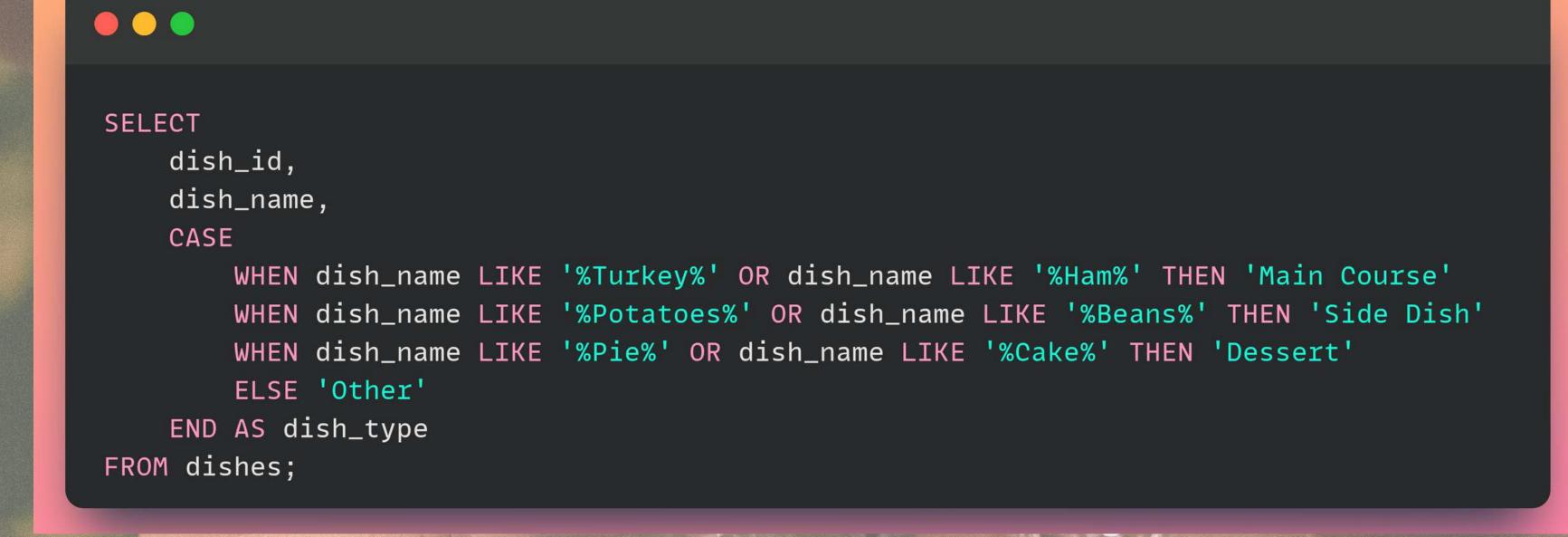
### 6) LIST OF CELEBRATIONS ON THANKSGIVING DAY (NOVEMBER 23, 2023)?

```
SELECT * FROM celebrations
WHERE celebration_date = '2023-11-23';
```

Query #6	Execution time: 0ms

celebration_id	location	num_guests	travel_distance	celebration_date
1	New York	8	50.25	2023-11-23
2	Los Angeles	12	200.75	2023-11-23
3	Chicago	6	30.50	2023-11-23
4	Houston	10	150.00	2023-11-23
5	Miami	5	10.75	2023-11-23
6	Seattle	8	75.20	2023-11-23
7	Denver	10	120.80	2023-11-23
8	Atlanta	15	220.50	2023-11-23
9	San Francisco	6	90.75	2023-11-23
10	Dallas	12	180.25	2023-11-23
11	Boston	7	40.60	2023-11-23

### 7) DETERMINE THE POPULARITY OF DISHES BY CATEGORIZING THEM INTO MAIN COURSES, SIDES, AND DESSERTS.



Query #7 Execution time: 0ms				
dish_id	dish_name	dish_type		
1	Roast Turkey	Main Course		
2	Mashed Potatoes	Side Dish		
3	Gravy	Other		
4	Pumpkin Pie	Dessert		
5	Green Bean Casserole	Other		
6	Cranberry Sauce	Other		
7	Ham	Main Course		
8	Sweet Potato Casserole	Other		
9	Rolls	Other		
10	Apple Pie	Dessert		
11	Stuffing	Other		

### 8) FIND THE FULL ADDRESS BY CONCATENATING THE LOCATION AND TRAVEL DISTANCE FOR EACH CELEBRATION?

```
SELECT celebration_id
    ,CONCAT( location , ' ', travel_distance, ' miles' ) AS Full_address
FROM celebrations;
```

Query #8 Execution time: 1ms celebration\_id Full\_address New York 50.25 miles Los Angeles 200.75 miles Chicago 30.50 miles 3 Houston 150.00 miles Miami 10.75 miles 5 Seattle 75.20 miles Denver 120.80 miles Atlanta 220.50 miles San Francisco 90.75 miles 9 Dallas 180.25 miles 10 Boston 40.60 miles 11

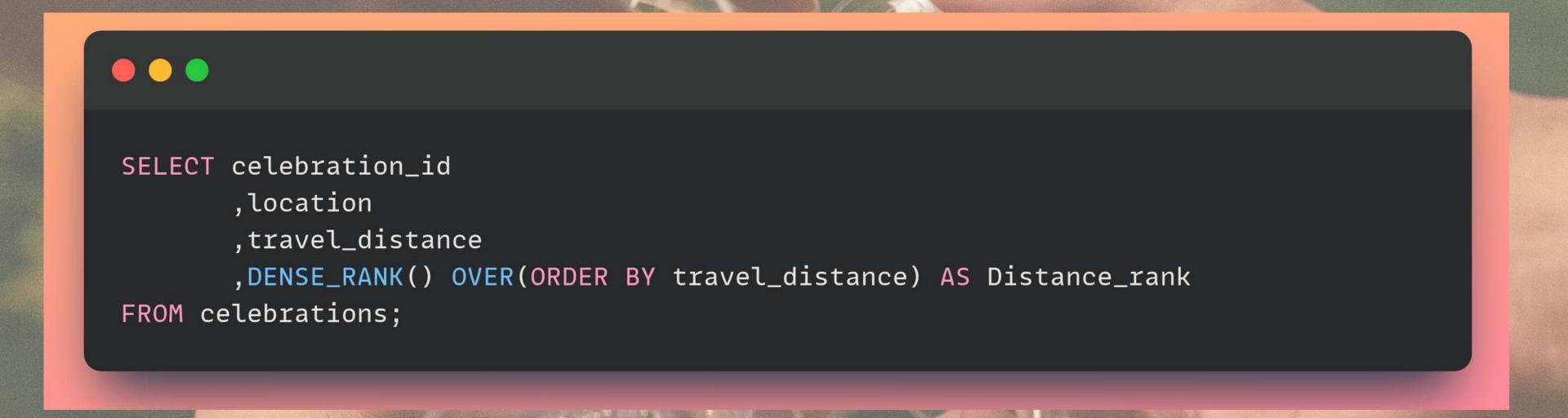
#### 9) RETRIEVE THE CELEBRATION LOCATIONS IN UPPERCASE?



SELECT celebration\_id,UPPER(location) as uppercase\_location
FROM celebrations;

Query #9 Execution time: 0ms celebration\_id uppercase\_location **NEW YORK** 2 LOS ANGELES 3 CHICAGO HOUSTON MIAMI SEATTLE DENVER **ATLANTA** SAN FRANCISCO DALLAS 10 BOSTON 11

#### 10) RANK CELEBRATIONS BASED ON TRAVEL DISTANCE?



Query #10 Execution time: 0ms				
celebration_id	location	travel_distance	Distance_rank	
5	Miami	10.75	1	
3	Chicago	30.50	2	
27	Orlando	30.75	3	
44	El Paso	30.75	3	
11	Boston	40.60	4	
19	St. Louis	45.75	5	
36	Salt Lake City	45.75	5	
28	Pittsburgh	50.20	6	
45	Baltimore	50.20	6	
1	New York	50.25	7	
12	Philadelphia	55.90	8	



# THANKS I THE TENT OF THE TENT