# **SQL PROJECT**

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PROJECT QUESTION: From the international breweries data recorded for a duration of three years, you are to do the following analyses to aid better decision making in order to maximize profit and reduce loss to the lowest minimum.

The dataset for this task can be found here

Import the dataset into postgresql and perform the following analysis.

## Session A

#### **PROFIT ANALYSIS**

- 1. Within the space of the last three years, what was the profit worth of the breweries, inclusive of the anglophone and the francophone territories?
- 2. Compare the total profit between these two territories in order for the territory manager, Mr. Stone to make a strategic decision that will aid profit maximization in 2020.
- 3. What country generated the highest profit in 2019
- 4. Help him find the year with the highest profit.
- 5. Which month in the three years was the least profit generated?
- 6. What was the minimum profit in the month of December 2018?
- 7. Compare the profit for each of the months in 2019
- 8. Which particular brand generated the highest profit in Senegal?

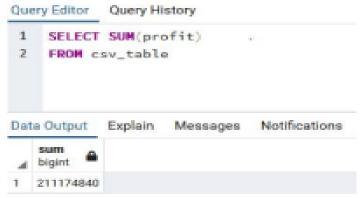
# **SECTION B**

## **BRAND ANALYSIS**

- 1. Within the last two years, the brand manager wants to know the top three brands consumed in the francophone countries
- 2. Find out the top two choice of consumer brands in Ghana
- 3. Find out the details of beers consumed in the past three years in the most oil reached country in West Africa.
- 4. Favorites malt brand in Anglophone region between 2018 and 2019
- 5. Which brands sold the highest in 2019 in Nigeria?
- 6. Favorites brand in South\_South region in Nigeria
- 7. Bear consumption in Nigeria

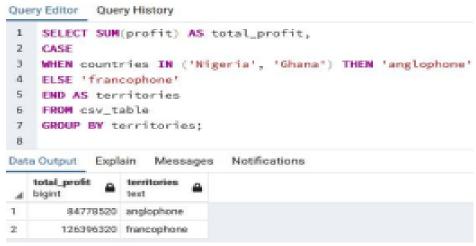
#### **SESSION A: PROFIT ANALYSIS**

**QUESTION 1:** Within the space of the last three years, what was the profit worth of the breweries, inclusive of the anglophone and the francophone territories?



**ANSWER:** The profit worth of the breweries, inclusive of the anglophone and the francophone territories was 211,174,840

**QUESTION 2:** Compare the total profit between these two territories in order for the territory manager, Mr. Stone to make a strategic decision that will aid profit maximization in 2020.



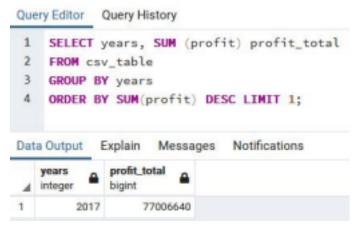
**ANSWER:** The total profit between these two territories were 84,778,520 and 126,396,320 for anglophone and francophone respectively.

**QUESTION 3:** What country generated the highest profit in 2019?

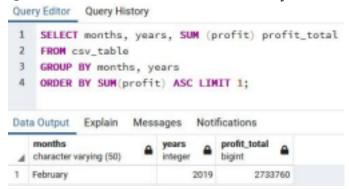


**ANSWER:** In 2019, Ghana generated the highest profit with a sum profit of 14,288,140.

**QUESTION 4:** Help him find the year with the highest profit.



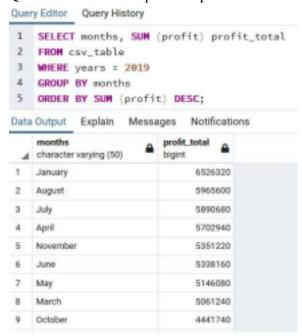
**QUESTION 5:** Which month in the three years was the least profit generated?



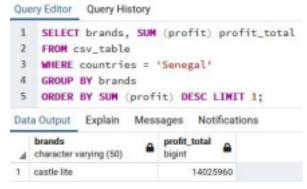
**QUESTION 6:** What was the minimum profit in the month of December 2018?



**QUESTION 7:** Compare the profit for each of the months in 2019.

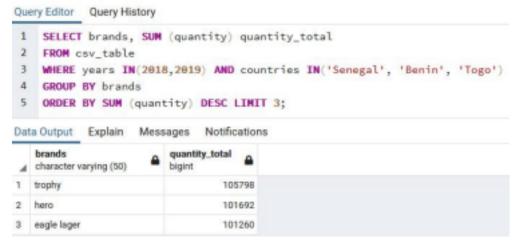


**QUESTION 8:** Which particular brand generated the highest profit in Senegal?



**SESSION B: BRAND ANALYSIS** 

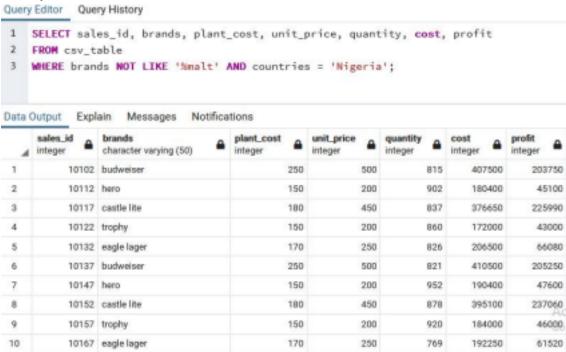
**QUESTION 1:** Within the last two years, the brand manager wants to knowthe topthree brands consumed in the francophone countries.



**QUESTION 2:** Find out the top two choice of consumer brands in Ghana.



**QUESTION 3:** Find out the details of beers consumed in the past three years in the most oil rich country in West Africa.



QUESTION 4: Favorites malt brand in Anglophone region between 2018 and 2019



**QUESTION 5:** Which brands sold the highest in 2019 in Nigeria?



**QUESTION 6:** Favorites brand in South\_South region in Nigeria



**QUESTION 7:** Beer consumption in Nigeria

# Query Editor Query History

- 1 SELECT brands, SUM (quantity) AS quantity\_total
- 2 FROM csv\_table
- 3 WHERE brands NOT LIKE '%malt' AND countries = 'Nigeria'
- 4 GROUP BY brands
- 5 ORDER BY SUM (quantity);

Data Output		Explain Mes		sages Notification		
4	brands character v	rarying (50)	<u> </u>	quantity bigint	_total	<u></u>
1	castle lite			51362		
2	trophy			51486		
3	hero			51622		
4	eagle lager			51744		
5	budweiser			52306		