**INTERNATIONAL BREWERIES CAPSTONE PROJECT**

**BY**

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--Section 1, 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?

SELECT SUM(profit) AS "Total\_profit"

FROM international\_breweries

WHERE years IN (2017,2018,2019);

Graphical user interface, application, table

Description automatically generated with medium confidence

--Section 1, Question 2

--Compare the total profit between these two territories in order for the territory manager,

--Mr. Stone made a strategic decision that will aid profit maximization in 2020.

SELECT

CASE

WHEN countries IN ('Benin', 'Togo', 'Senegal') THEN 'Francophone'

WHEN countries IN ('Nigeria', 'Ghana') THEN 'Anglophone'

END Territories,

SUM(profit) AS Total\_profit

FROM international\_breweries

WHERE years IN (2017,2018,2019)

GROUP BY Territories;

Application, table

Description automatically generated with medium confidence

--Section 1, Question 3

--Country that generated the highest profit in 2019?

SELECT countries, SUM(profit) AS Total\_profit

FROM international\_breweries

GROUP BY countries

ORDER BY Total\_profit DESC

LIMIT 1;

Graphical user interface, application

Description automatically generated

--Section 1, Question 4

--Help him find the year with the highest profit.

SELECT years, SUM(profit) AS Total\_profit

FROM International\_breweries

GROUP BY years

ORDER BY Total\_profit DESC

LIMIT 1;

Graphical user interface, text, application, chat or text message

Description automatically generated

--Section 1, Question 5

--Which month in the three years was the least profit generated?

SELECT months, SUM(profit) AS Total\_profit

FROM International\_breweries

--WHERE years IN (2017, 2018, 2019)

GROUP BY months

ORDER BY Total\_profit

LIMIT 1;

Graphical user interface, application

Description automatically generated with medium confidence

--Section 1, Question 6

--What was the minimum profit in the month of December 2018?

SELECT months, years, profit AS min\_profit

FROM International\_breweries

WHERE months IN ('December') AND years IN (2018)

ORDER BY profit

LIMIT 1;

Graphical user interface, application, table

Description automatically generated with medium confidence

--Section 1, Question 7

--Compare the profit in percentage for each of the month in 2019

SELECT months, SUM(profit) \* 100/(SELECT SUM(profit) AS Total\_profit FROM International\_breweries WHERE years IN (2019)) AS Profit\_percent

FROM International\_breweries

WHERE years IN (2019)

GROUP BY months

ORDER BY Profit\_percent

Table

Description automatically generated

--Section1, Question 8

--Which particular brand generated the highest profit in Senegal?

SELECT Brands, SUM(profit) AS Total\_profit

FROM International\_breweries

WHERE countries IN ('Senegal')

GROUP BY Brands

ORDER BY Total\_profit DESC

LIMIT 1;

Table

Description automatically generated

--Section 2, Question 1

--Within the last two years, the brand manager wants to know the top three brands

--consumed in the francophone countries

SELECT brands, SUM(quantity) Total\_quantity

FROM International\_breweries

WHERE years IN (2018, 2019) AND countries IN ('Benin', 'Togo', 'Senegal')

GROUP BY brands

ORDER BY Total\_quantity Desc

LIMIT 3;

Table

Description automatically generated

--Section 2, Question 2

--Find out the top two choice of consumer brands in Ghana

SELECT countries, brands, SUM(quantity) Total\_quantity

FROM International\_breweries

WHERE countries IN ('Ghana')

GROUP BY countries, brands

ORDER BY Total\_quantity DESC

LIMIT 2;

Table

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--Section 2, Question 3

--Find out the details of beers consumed in the past three years in the most oil rIch

--country in West Africa.

SELECT countries, brands, SUM(quantity) Total\_quantity, SUM(profit) Total\_profit

FROM International\_breweries

WHERE countries IN ('Nigeria') AND years IN (2017, 2018, 2019) AND brands NOT LIKE '%malt'

GROUP BY countries, brands

ORDER BY Total\_profit DESC;

Graphical user interface, application, table

Description automatically generated

--Section 2, Question 4

--Favorite malt brand in Anglophone region between 2018 and 2019

SELECT brands, SUM(quantity) Total\_quantity

FROM International\_breweries

WHERE brands LIKE '%malt' AND countries IN ('Nigeria', 'Ghana') AND years IN (2018, 2019)

GROUP BY brands

ORDER BY Total\_quantity DESC

LIMIT 1;

Table

Description automatically generated

--Section 2, Question 5

--Which brands sold the highest in 2019 in Nigeria?

SELECT countries, brands, SUM(quantity) Total\_quantity

FROM International\_breweries

WHERE countries IN ('Nigeria') AND years IN (2019)

GROUP BY countries, brands

ORDER BY Total\_quantity DESC

LIMIT 1;

Table

Description automatically generated

--Section 2, Question 6

--Favorites brand in South\_South region in Nigeria

SELECT countries, brands, SUM(quantity) Total\_quantity

FROM International\_breweries

WHERE countries IN ('Nigeria') AND region IN ('southsouth')

GROUP BY countries, brands

ORDER BY Total\_quantity DESC

LIMIT 1;

Table

Description automatically generated

--Section 2, Question 7

--Bear consumption in Nigeria

SELECT countries, brands, SUM(quantity) Total\_quantity

FROM International\_breweries

WHERE brands NOT LIKE '%malt' AND countries IN ('Nigeria')

GROUP BY countries, brands

ORDER BY Total\_quantity DESC;

Graphical user interface, application, table

Description automatically generated

--Section 2, Question 8

--Level of consumption of Budweiser in the regions in Nigeria

SELECT countries, region, brands, SUM(quantity) Total\_quantity

FROM International\_breweries

WHERE brands LIKE 'budweiser' AND countries IN ('Nigeria')

GROUP BY countries, region, brands

ORDER BY Total\_quantity DESC;

Graphical user interface, application

Description automatically generated

--Section 2, Question 9

--Level of consumption of Budweiser in the regions in Nigeria in 2019 (Decision on Promo)

SELECT countries, region, brands, SUM(quantity) Total\_quantity

FROM International\_breweries

WHERE brands LIKE 'budweiser' AND countries IN ('Nigeria') AND years IN (2019)

GROUP BY countries, region, brands

ORDER BY Total\_quantity DESC;

Graphical user interface, table

Description automatically generated

--Section 3, Question 1

--Country with the highest consumption of beer

SELECT countries, brands, SUM(quantity) Total\_quantity

FROM International\_breweries

WHERE brands NOT LIKE '%malt'

GROUP BY countries, brands

ORDER BY Total\_quantity DESC

LIMIT 1;

Table

Description automatically generated

--Section 3, Question 2

--Highest sales personnel of Budweiser in Senegal

SELECT Sales\_rep, countries, brands, SUM(cost) Total\_sales

FROM International\_breweries

WHERE brands LIKE 'budweiser' AND countries IN ('Senegal')

GROUP BY Sales\_rep, countries, brands

ORDER BY Total\_sales DESC

LIMIT 1;

Graphical user interface, application, Teams

Description automatically generated

--Section 3, Question 3

--Country with the highest profit of the fourth quarter in 2019

SELECT countries, SUM(profit) Total\_profit

FROM International\_breweries

WHERE months IN ('October', 'November', 'December') AND years IN (2019)

GROUP BY countries

ORDER BY Total\_profit DESC

LIMIT 1;

Table

Description automatically generated