-- CAPTSONE PROJECT REVIEW--

--3 years profit Anglophone and francophone--

SELECT \* FROM breweries

SELECT countries FROM breweries;

SELECT DISTINCT countries FROM breweries;

SELECT DISTINCT years FROM breweries;

SELECT SUM(profit) AS sum\_of\_profit

FROM breweries;

--total profit between anglophone and francophone --

SELECT CASE

WHEN countries = 'Nigeria ' THEN 'Anglophone'

WHEN countries = 'Benin ' THEN 'Francophone'

WHEN countries = 'Senegal ' THEN 'Francophone'

WHEN countries = 'Togo ' THEN 'Anglophone'

WHEN countries = 'Ghana ' THEN 'Anglophone'

ELSE 'Unkown'

END AS territories,

SUM(Profit)

FROM breweries

GROUP by 1

ORDER BY 2 DESC;

--Country, hoghest profit in 2019--

SELECT SUM(profit),countries

FROM breweries

WHERE years = 2019

GROUP BY 2

ORDER BY 1 DESC

--Year with the highest profit

SELECT SUM(profit),years

FROM breweries

GROUP BY 2

ORDER BY 1 DESC

--Month with the least profit--

SELECT months, SUM(profit)

FROM breweries

GROUP BY 1

ORDER BY 2 ASC

--Mininum profit in December 2018--

SELECT months, years, profit

FROM Breweries

WHERE months ='December' AND years = 2018

ORDER BY 3 ASC;

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

SELECT months, profit\_per\_month,

((profit\_per\_month\*100)/30020250) AS percntage\_profit

FROM

(SELECT months, SUM(Profit) AS profit\_per\_month

FROM breweries

WHERE years = 2019

GROUP BY 1

ORDER BY 2) sub1

SELECT SUM(profit)

FROM breweries

WHERE years = 2019

SELECT months, profit\_per\_month,

((profit\_per\_month\*100)/

(SELECT SUM(profit)

FROM breweries

WHERE years = 2019)) AS percntage\_profit

FROM

(SELECT months, SUM(Profit) AS profit\_per\_month

FROM breweries

WHERE years = 2019

GROUP BY 1

ORDER BY 2) sub1

SELECT SUM(profit)

FROM breweries

WHERE years = 2019

--Brand,highest profit in Senegal--

SELECT SUM(profit),brands,countries

FROM breweries

WHERE countries = 'senegal'

GROUP BY 2,3

ORDER BY 1 DESC;

--2 years, top 3 brands consumed in fracophone countries--

SELECT Brands,SUM(quantity)

FROM breweries

WHERE years IN (2018,2019)

AND countries IN ('Benin','Togo','Senegal')

GROUP BY 1

ORDER BY 2 DESC

LIMIT 3;

--top two choice of consumer brands in Ghana--

SELECT brands ,SUM(quantity)

FROM breweries

WHERE countries = 'Ghana'

GROUP BY 1

ORDER BY 2 DESC

LIMIT 5;

--details o f beers consumed ,3years ,in Nigeria

SELECT DISTINCT(brands)

FROM breweries

SELECT DISTINCT (brands)

FROM breweries

WHERE brands NOT LIKE '%malt%'

SELECT quantity,profit,brands,countries

FROM breweries

WHERE countries = 'Nigeria'

AND brands NOT LIKE '%malt'

--Favorites malt brand in Anglophone region between 2018, 2019--

SELECT brands, SUM(quantity)

FROM breweries

WHERE countries IN ('Nigeria','Ghana')

AND years IN (2018,2019)

AND brands LIKE '%malt%'

GROUP BY 1

ORDER BY 2 DESC;

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

SELECT brands, SUM(quantity)

FROM breweries

WHERE countries = 'Nigeria'

AND years = 2019

GROUP BY 1

Order by 2 desc;

-- Favorites brand in South\_South region in Nigeria--

SELECT brands, SUM(quantity)

FROM breweries

WHERE region = 'southsouth'

AND countries = 'Nigeria'

GROUP BY 1

ORDER BY 2 DESC

--Beer consumption in Nigeria--

SELECT SUM(quantity),brands,countries

FROM breweries

WHERE countries = 'Nigeria'

AND brands NOT LIKE '%malt'

GROUP BY 2,3

ORDER BY 1 DESC

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

SELECT region, SUM(quantity)

FROM Breweries

WHERE brands = 'budweiser'

AND countries = 'Nigeria'

GROUP BY 1

ORDER BY 2 DESC

--Level of consumption of Budweiser in the regions in Nigeria in 2019--

SELECT region, SUM(quantity)

FROM Breweries

WHERE brands = 'budweiser'

AND countries = 'Nigeria'

AND years = 2019

GROUP BY 1

ORDER BY 2 DESC

--Country with the highest consumption of beer--

SELECT brands,countries,SUM(quantity)

FROM breweries

WHERE brands NOT LIKE '%malt%'

GROUP BY 1,2

ORDER BY 3 DESC

--Highest sales personnel of Budweiser in Senegal--

SELECT sales\_rep,SUM(quantity)

FROM breweries

WHERE countries = 'Senegal'

AND Brands = 'budweiser'

GROUP BY 1

ORDER BY 2 DESC;

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

SELECT countries, SUM(profit)

FROM Breweries

WHERE years = 2019

AND months IN ('October', 'November','December')

GROUP BY 1

ORDER BY 2 DESC