

--SECTION A--

/*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 profit_sum  
FROM breweries;
```

/*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 SUM(profit) AS profit_sum,  
CASE  
WHEN countries IN ('Nigeria', 'Ghana') THEN 'Anglophone'  
ELSE 'Francophone' END AS territories  
FROM breweries  
GROUP BY 2;
```

/*3. Country that generated the highest profit in 2019
*/

```
SELECT SUM(profit) AS profit_sum,countries  
FROM breweries  
WHERE years = 2019  
GROUP BY 2  
ORDER BY 1 DESC  
LIMIT 1;
```

/*4. Help him find the year with the highest profit.*/

```
SELECT SUM(profit),years  
FROM breweries  
GROUP BY 2  
ORDER BY 1 DESC  
LIMIT 1;
```

/*5. Which month in the three years was the least profit generated?
*/

```
SELECT SUM(profit),months  
FROM breweries  
GROUP BY 2  
ORDER BY 1  
LIMIT 1;
```

/*6. What was the minimum profit in the month of December 2018?

```
*/  
SELECT MIN(profit) AS min_profit  
FROM breweries  
WHERE years = 2018 AND months = 'December';
```

/*7. Compare the profit in percentage for each of the month in 2019

```
*/  
SELECT months,monthly_profit,((monthly_profit *100)/(SELECT SUM(profit)  
FROM breweries  
WHERE years = 2019)) AS percent_profit  
FROM  
(SELECT months, SUM(profit) AS monthly_profit  
FROM breweries  
WHERE years =2019  
GROUP BY 1  
ORDER BY 2 DESC) sub1;
```

/*8. Which particular brand generated the highest profit in Senegal?

```
*/  
  
SELECT SUM(profit), brands  
FROM breweries  
WHERE countries = 'Senegal'  
GROUP BY 2  
ORDER BY 1 DESC  
LIMIT 1;
```

--SECTION B--

/*1. Within the last two years, the brand manager wants to know the top three brands consumed in the francophone countries

```
*/  
  
SELECT SUM(quantity),brands  
FROM breweries  
WHERE years IN (2018,2019) AND countries IN ('Togo', 'Benin','Senegal')  
GROUP BY 2  
ORDER BY 1 DESC  
LIMIT 3;
```

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

```
*/  
  
SELECT SUM (quantity),brands  
FROM breweries  
WHERE countries = 'Ghana'  
GROUP BY 2  
ORDER BY 1 DESC
```

LIMIT 2;

/*3. Find out the details of beers consumed in the past three years in the most oil reached country in West Africa. */

```
SELECT SUM(quantity),brands
FROM breweries
WHERE countries = 'Nigeria'
AND brands IN ('trophy','budweiser','castle lite','eagle lager','hero')
GROUP BY 2
ORDER BY 1 DESC;
```

/*4. Favorites malt brand in Anglophone region between 2018 and 2019 */

```
SELECT SUM (quantity),brands
FROM breweries
WHERE countries IN ('Ghana', 'Nigeria')
AND years IN (2018, 2019)
AND brands IN ('beta malt','grand malt')
GROUP BY 2
ORDER BY 1 DESC;
```

/* 5. Which brands sold the highest in 2019 in Nigeria? */

```
SELECT SUM (quantity),brands
FROM breweries
WHERE countries = 'Nigeria'
AND years = 2019
GROUP BY 2
ORDER BY 1 DESC
LIMIT 1 ;
```

/* 6. Favorites brand in South_South region in Nigeria */

```
SELECT SUM(quantity),brands
FROM breweries
WHERE countries = 'Nigeria'
AND region = 'southsouth'
GROUP BY 2
ORDER BY 1 DESC
LIMIT 1;
```

/* 7. Bear consumption in Nigeria */

```
SELECT SUM(quantity), brands
FROM breweries
WHERE countries = 'Nigeria'
AND brands IN ('trophy','budweiser','castle lite','eagle lager','hero')
```

```
GROUP BY 2
ORDER BY 1 DESC;
```

```
/* 8. Level of consumption of Budweiser in the regions in Nigeria */
```

```
SELECT SUM (quantity),region
FROM breweries
WHERE countries = 'Nigeria'
AND brands = 'budweiser'
GROUP BY 2
ORDER BY 1 DESC;
```

```
/*9. Level of consumption of Budweiser in the regions in Nigeria in 2019 (Decision on Promo)
*/
```

```
SELECT sum (quantity),region
FROM breweries
WHERE countries = 'Nigeria'
AND brands = 'budweiser'
AND years = 2019
GROUP BY 2
ORDER BY 1 DESC;
```

```
--SECTION C --
```

```
/*1. Country with the highest consumption of beer.*/
```

```
SELECT SUM (quantity), countries
FROM breweries
WHERE brands IN ('trophy','budweiser','castle lite','eagle lager','hero')
GROUP BY 2
ORDER BY 1 DESC
LIMIT 1;
```

```
/* 2. Highest sales personnel of Budweiser in Senegal */
```

```
SELECT SUM (quantity),sales_rep
FROM breweries
WHERE brands = 'budweiser'
AND countries = 'Senegal'
GROUP BY 2
ORDER BY 1 DESC
LIMIT 1;
```

```
/*3. Country with the highest profit of the fourth quarter in 2019 */
```

```
SELECT SUM (profit),countries
FROM breweries
```

```
WHERE months IN ('October','November','December')
AND YEARS = 2019
GROUP BY 2
ORDER BY 1 DESC
LIMIT 1;
```