

DAY 14: CASE STATEMENT WITH AGGREGATE FUNCTIONS

I explored further the use of aggregate function with a CASE statement.

```
/*How much profit was made from each of the countries?*/
SELECT countries,
SUM(CASE
  WHEN countries = 'Nigeria' THEN profit
  WHEN countries = 'Ghana' THEN profit
  WHEN countries = 'Benin' THEN profit
  WHEN countries = 'Togo' THEN profit
  WHEN countries = 'Senegal' THEN profit END) AS total_profit
FROM breweries
GROUP BY countries;

/*How many brands were sold in Southern regions?*/
SELECT brands,
COUNT(CASE
  WHEN region = 'Southeast' THEN quantity
  WHEN region = 'Southwest' THEN quantity
  WHEN region = 'Southsouth' THEN quantity
END) AS Southern_sales
FROM breweries
GROUP BY brands;

/*What is the avgerage profit made from Nigeria and Ghana? Then round it to two decimal places*/
SELECT countries,
ROUND(AVG(CASE
  WHEN countries = 'Nigeria' THEN profit
  WHEN countries = 'Ghana' THEN profit END),2) AS avg_profit
FROM breweries
WHERE countries IN ('Nigeria', 'Ghana')
GROUP BY countries;

@Adanna
```