Diagram

Description automatically generated

### Questions: GROUP BY Part II

1. For each account, determine the average amount spent per order on each paper type. Your result should have four columns - one for the account **name** and one for the average amount spent on each paper type.

SELECT

a.name,

avg(o.standard\_qty) avg\_std,

avg(o.gloss\_qty) avg\_gloss,

avg(o.poster\_qty) avg\_poster

FROM accounts a

JOIN orders o

ON o.account\_id=a.id

GROUP BY a.name;

1. Determine the number of times a particular **channel** was used in the **web\_events** table for each **sales rep**. Your final table should have three columns - the **name of the sales rep**, the **channel**, and the number of occurrences. Order your table with the highest number of occurrences first.

SELECT

a.name,

avg(o.standard\_amt\_usd) avg\_std,

avg(o.gloss\_amt\_usd) avg\_gloss,

avg(o.poster\_amt\_usd) avg\_poster

FROM accounts a

JOIN orders o

ON o.account\_id=a.id

GROUP BY a.name;

1. Determine the number of times a particular **channel** was used in the **web\_events** table for each **region**. Your final table should have three columns - the **region name**, the **channel**, and the number of occurrences. Order your table with the highest number of occurrences first.

SELECT

s.name sales\_rep,

w.channel,

count(\*) occurrences

FROM web\_events w

JOIN accounts a

ON a.id=w.account\_id

JOIN sales\_reps s

ON s.id=a.sales\_rep\_id

GROUP BY s.name,w.channel

ORDER BY occurrences DESC;

1. Determine the number of times a particular **channel** was used in the **web\_events** table for each **region**. Your final table should have three columns - the **region name**, the **channel**, and the number of occurrences. Order your table with the highest number of occurrences first.

SELECT

r.name region,

w.channel,

count(\*) occurrences

FROM web\_events w

JOIN accounts a

ON a.id=w.account\_id

JOIN sales\_reps s

ON s.id=a.sales\_rep\_id

JOIN region r

ON r.id=s.region\_id

GROUP BY r.name,w.channel

ORDER BY occurrences DESC;