**Verified Queries**

1. 1. Show the final selling price of the the product along with category whose sub\_category is professional & the order is either in Jumbo Drum or in Medium Box. Give those users additional 50% off on existing discount.

select category,container, perunitcost - discount - .5\*discount as selling\_price

from product

where product.subcategory='Professional'

AND container IN ('Jumbo Drum', 'Medium Box')

2. count of each customer segment

[select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=1608effd4c90da5290a65fe96abe7765) customer.segment, [count](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html&server=0&token=1608effd4c90da5290a65fe96abe7765#function_count)(customer.segment)

from customer, manager

group by customer.segment

Top of Form



3. No. of delieveries using each ship mode

[select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=a2db1f060dace5e15a768574474b1400) shipping.ship\_mode,[count](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html&server=0&token=a2db1f060dace5e15a768574474b1400#function_count)(\*)

from shipping group by shipping.ship\_mode

4. Give names of the residential customers of Atlantic along with the email ids of regional managers who owns small business

[select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=1608effd4c90da5290a65fe96abe7765) customer.name, customer.email, customer.province, manager.email

from customer, manager

where customer.region='Atlantic'

[AND](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=1608effd4c90da5290a65fe96abe7765#operator_and) customer.segment='Small Business'

[AND](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=1608effd4c90da5290a65fe96abe7765#operator_and) customer.region = manager.region

Top of Form



Bottom of Form

5. Company's name whose product has been returned from the year 2016 onwards ?

[select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=1608effd4c90da5290a65fe96abe7765) product.pname, product.category, product.subcategory

from product,returnorder

where product.transactionid=returnorder.transactionid

[AND](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=1608effd4c90da5290a65fe96abe7765#operator_and) returnorder.ddate>01-01-2016

[AND](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=1608effd4c90da5290a65fe96abe7765#operator_and) returnorder.returnid [IN](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html&server=0&token=1608effd4c90da5290a65fe96abe7765#function_in)

( [select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=1608effd4c90da5290a65fe96abe7765) product.transactionid

from product)

Top of Form



6. Give statistics of delievery mode when order priority ='critical'?

[select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=1608effd4c90da5290a65fe96abe7765) shipping.shipmode,[count](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html&server=0&token=1608effd4c90da5290a65fe96abe7765#function_count)(\*)

from shipping, product

where product.orderpriority='critical'

[AND](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=1608effd4c90da5290a65fe96abe7765#operator_and) shipping.transactionid=product.transactionid

group by shipping.shipmode

Top of Form



7. Determine the segment of customers (For ex. corporate, small business, etc) and notify them using email or SMS about similar product of their requirement.

create view notification1 as select customer.name, customer,customer.email,customer.segment from customer;

//After 1st mail

8. Find the customers who have returned orders and give them concession.

create view eligible\_for\_concession4 as

select customer.name

from customer

where customer.segment='Small Business' OR customer.segment='Corporate'

AND cid in (select returnid

from returnorder);

select \*

from eligible\_for\_concession4;

//create view name changed everytime

9. Total Purchase by each customer inclusive of all stores

[select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=c9c23f03a1cec38b915bd964a3840e4d) [sum](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html&server=0&token=c9c23f03a1cec38b915bd964a3840e4d#function_sum)(product.perunitcost), customer.name as totalpurchase

from product,customer

where product.transactionid [in](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html&server=0&token=c9c23f03a1cec38b915bd964a3840e4d#function_in) ([select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=c9c23f03a1cec38b915bd964a3840e4d) customer.cid

from customer)

group by customer.name

10. Top 10 Platinum Customers of the company

select customer.name as PlatinumCustomers

from product,customer

where product.transactionid in (select customer.cid

from customer)

group by customer.name

order by sum(product.perunitcost) desc

limit 10;

11. Residential Customers- offer them additional 30% discount with purchase more than 3000$

[select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=71ea052e63bfce6c2a1830729fe69b96) (product.discount)\*1.3 ,customer.name as ResidentialCustomers

from product,customer

where product.transactionid [in](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fcomparison-operators.html&server=0&token=71ea052e63bfce6c2a1830729fe69b96#function_in) ([select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=71ea052e63bfce6c2a1830729fe69b96) customer.cid

from customer)

[AND](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=71ea052e63bfce6c2a1830729fe69b96#operator_and) ([select](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fselect.html&server=0&token=71ea052e63bfce6c2a1830729fe69b96) [sum](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Fgroup-by-functions.html&server=0&token=71ea052e63bfce6c2a1830729fe69b96#function_sum)(perunitcost)

from product)>3000

[AND](http://localhost/phpmyadmin/url.php?url=http%3A%2F%2Fdev.mysql.com%2Fdoc%2Frefman%2F5.5%2Fen%2Flogical-operators.html&server=0&token=71ea052e63bfce6c2a1830729fe69b96#operator_and) product.transactionid=customer.cid

Top of Form



In parts

select customer.email ,customer.name as ResidentialCustomers

from product,customer

where product.transactionid in (select customer.cid

from customer)

AND (select sum(perunitcost)

from product)>10000

AND product.transactionid=customer.cid

AND customer.segment='Corporate'

AND customer.region='Atlantic'

select customer.email ,customer.name as ResidentialCustomers

from product,customer

where product.transactionid in (select customer.cid

from customer)

AND (select sum(perunitcost)

from product)>5000

AND product.transactionid=customer.cid

AND customer.segment='Small Business'

AND customer.region='Atlantic'

select customer.email ,customer.name as ResidentialCustomers

from product,customer

where product.transactionid in (select customer.cid

from customer)

AND (select sum(perunitcost)

from product)>3000

AND product.transactionid=customer.cid

AND customer.segment='Home Office'

AND customer.region='Atlantic'

select customer.email ,customer.name as ResidentialCustomers

from product,customer

where product.transactionid in (select customer.cid

from customer)

AND (select sum(perunitcost)

from product)>1000

AND product.transactionid=customer.cid

AND customer.segment='Consumer'

AND customer.region='Atlantic'

Bottom of Form

select customer.email ,customer.name as ResidentialCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(perunitcost) from product)>1000

AND orderplaced.orderdate between 01-01-2016 and 31-12-2016

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Corporate' AND customer.region='Atlantic'

select customer.email ,customer.name as ResidentialCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(perunitcost) from product)>1000

AND orderplaced.orderdate between 01-01-2016 and 31-12-2016

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Corporate' AND customer.region='Atlantic'

**Atlantic - Corporate - 2014**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>10000

AND orderplaced.orderdate > 01-01-2014

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Corporate' AND customer.region='Atlantic'

**Atlantic - Small Business - 2014**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>5000

AND orderplaced.orderdate > 01-01-2014

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Small Business ' AND customer.region='Atlantic'

**Atlantic - Home Office - 2014**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>3000

AND orderplaced.orderdate > 01-01-2014

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Home Office ' AND customer.region='Atlantic'

**Atlantic - Consumer - 2014**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>1000

AND orderplaced.orderdate > 01-01-2014

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Consumer' AND customer.region='Atlantic'

**Atlantic - Corporate - 2015**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>10000

AND orderplaced.orderdate > 01-01-2015

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Corporate' AND customer.region='Atlantic'

order by customer.email;

**Atlantic - Small Business - 2015**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>5000

AND orderplaced.orderdate > 01-01-2015

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Small Business' AND customer.region='Atlantic'

order by customer.email;

**Atlantic - Home Office - 2015**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>3000

AND orderplaced.orderdate > 01-01-2015

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Home Office' AND customer.region='Atlantic'

order by customer.email;

**Atlantic - Consumer - 2015**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>3000

AND orderplaced.orderdate > 01-01-2015

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Consumer' AND customer.region='Atlantic'

order by customer.email;

**Atlantic - Corporate - 2016**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>10000

AND orderplaced.orderdate > 01-01-2016

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Corporate' AND customer.region='Atlantic'

order by customer.province;

**Atlantic - Small Business - 2016**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>5000

AND orderplaced.orderdate > 01-01-2016

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Small Business' AND customer.region='Atlantic'

order by customer.province;

**Atlantic - Home Office - 2016**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>3000

AND orderplaced.orderdate > 01-01-2016

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Home Office' AND customer.region='Atlantic'

order by customer.province;

**Atlantic - Consumer - 2016**

select customer.email ,customer.name as PlatinumCustomers

from product,customer, orderplaced, orders

where product.transactionid in (select customer.cid from customer)

AND (select sum(sales) from product)>1000

AND orderplaced.orderdate > 01-01-2016

AND product.transactionid=customer.cid

AND customer.cid= orders.cid

AND orders.orderid= orderplaced.orderid

AND customer.segment='Consumer' AND customer.region='Atlantic'

order by customer.province;

Bottom of Form