Chris Harms

DBMS HW 2

1. select p1.productlineid, max(p2.productstandardprice) as max\_price

from productline\_t p1 left outer join product\_t p2

on p1.productlineid = p2.productlineid

group by p1.productlineid;

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Description automatically generated

1. select productid, count(productid), sum(orderedquantity) as TotalQtyOrdered

from orderline\_t

group by productid

order by TotalQtyOrdered

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Description automatically generated

* 1. select c.customerid, count(o.orderid)

from customer\_t c left outer join order\_t o

on c.customerid= o.customerid

group by c.customerid

order by c.customerid;

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Description automatically generated

* 1. select c.customerid, extract(month from o.orderdate) as order\_month, count(extract(month from o.orderdate)) as month\_count

from customer\_t c left outer join order\_t o

on c.customerid= o.customerid

group by extract(month from o.orderdate), c.customerid

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Description automatically generatedorder by c.customerid;

1. select distinct s.salespersonname, c.customername, c.customerid

from salesperson\_t s join order\_t o

on s.salespersonid = o.salespersonid

join customer\_t c

on o.customerid = c.customerid

order by s.salespersonname;

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Description automatically generated

1. select p.productid, count(t.orderid) as NumOrders

from product\_t p left outer join orderline\_t o

on p.productid = o.productid

left outer join order\_t t

on o.orderid = t.orderid

group by p.productid

order by NumOrders desc;

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1. select c.customerid, count(o.orderid)

from customer\_t c left outer join order\_t o

on c.customerid = o.customerid

where o.orderdate like '%15%'

group by c.customerid;

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Description automatically generated

1. select s.salespersonid, count(o.orderid) as Total\_Orders

from salesperson\_t s left outer join order\_t o

on s.salespersonid = o.salespersonid

group by s.salespersonid;

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Description automatically generated

1. select customerid, count(orderid)

from order\_t

having count(orderid)>2

group by customerid;

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Description automatically generated

1. select salesterritoryid

from salesperson\_t

having count(salesterritoryid)>1

group by salesterritoryid;

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Description automatically generated

1. select p.productid, count(o.orderid) as total\_orders,

from product\_t p left outer join orderline\_t o

on p.productid = o.productid

group by p.productid

order by count(o.orderid);

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1. select productfinish, min(productstandardprice)

from product\_t

where productfinish is not null

group by productfinish

order by min(productstandardprice);

Cheapest finish is cherry.

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Description automatically generated

1. select s.salespersonid, extract(month from o.orderdate) as order\_month,

count(extract(month from o.orderdate)) as total\_orders,

extract(year from o.orderdate) as order\_year

from salesperson\_t s left outer join order\_t o

on s.salespersonid = o.salespersonid

group by s.salespersonid, extract(month from o.orderdate), extract(year from o.orderdate)

having extract(year from o.orderdate) = 2015

order by s.salespersonid;

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1. select materialname, materialtype, width

from rawmaterial\_t

where material != 'Cherry' and material != 'Oak'

and width > 10;

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Description automatically generated