Chris Harms

DBMS Lab 3

1. select artist, avg(unit\_price)

from items

group by artist;

A screenshot of a cell phone

Description automatically generated

1. select order\_id, sum(order\_qty) as total\_items

from order\_details

group by order\_id;

A screenshot of a cell phone

Description automatically generated

* 1. select customer\_state, count(unique(customer\_city)) as State\_Cities

from customers

group by customer\_state;

A screenshot of a cell phone

Description automatically generated

* 1. select customer\_state, count(unique(customer\_city)) as State\_Cities

from customers

group by customer\_state

having count(unique(customer\_city))>1;

No, could not use where, errored out

A screenshot of a cell phone

Description automatically generated

1. select concat('Today the date is: ',to\_char(SYSDATE,'MM-DD-YYYY HH24:MI:SS'))

from dual;

A screenshot of a social media post

Description automatically generated

* 1. select vendor\_name, invoice\_total, payment\_total, credit\_total

from vendors join invoices

on vendors.vendor\_id=invoices.vendor\_id

A screenshot of a cell phone

Description automatically generated

where invoice\_total=(payment\_total+credit\_total) and credit\_total!=0;

* 1. select vendor\_name, invoice\_total, payment\_total, credit\_total

from vendors inner join invoices

on vendors.vendor\_id=invoices.vendor\_id

where invoice\_total=(payment\_total+credit\_total) and credit\_total!=0;

A screenshot of a cell phone

Description automatically generated

* 1. select vendor\_name, invoice\_total, payment\_total, credit\_total

from vendors natural join invoices

where invoice\_total=(payment\_total+credit\_total) and credit\_total!=0;

A screenshot of a cell phone

Description automatically generated

* 1. select title, order\_id

from items join order\_details

on items.item\_id=order\_details.item\_id;

A screenshot of a cell phone

Description automatically generatedA screenshot of a cell phone

Description automatically generatedA screenshot of a cell phone

Description automatically generated

* 1. select title, count(order\_id)

from items join order\_details

on items.item\_id=order\_details.item\_id

group by title

A screenshot of a cell phone

Description automatically generated

* 1. select title, count(order\_id)

from items join order\_details

on items.item\_id=order\_details.item\_id

group by title

having count(order\_id)>5;

A screenshot of a cell phone

Description automatically generated

* 1. select count(first\_name)

from vendor\_contacts;

A screenshot of a cell phone

Description automatically generated

* 1. select unique(count(first\_name))

from vendor\_contacts;

A screenshot of a cell phone

Description automatically generated

* 1. select count(first\_name)

from vendor\_contacts

group by first\_name

having count(first\_name)>1;

A screenshot of a cell phone

Description automatically generated

* 1. select c.customer\_first\_name, c.customer\_last\_name, o.order\_id

from customers c inner join orders o

on c.customer\_id = o.customer\_id

where c.customer\_last\_name like '%Blanca%';

A screenshot of a cell phone

Description automatically generated

* 1. select c.customer\_first\_name, c.customer\_last\_name, o.order\_id

from customers c left outer join orders o

on c.customer\_id = o.customer\_id

where c.customer\_last\_name like '%Blanca%';

A screenshot of a cell phone

Description automatically generated

* 1. select c.customer\_first\_name, c.customer\_last\_name, NVL(o.order\_id,'0')

from customers c left outer join orders o

on c.customer\_id = o.customer\_id

where c.customer\_last\_name like '%Blanca%';

A screenshot of a cell phone

Description automatically generated

1. select c.customer\_first\_name, c.customer\_last\_name, NVL(o.order\_id,'0'), sum(o2.order\_qty)

from customers c left outer join orders o

on c.customer\_id = o.customer\_id

left outer join order\_details o2

on o2.order\_id = o.order\_id

where c.customer\_last\_name like '%Blanca%'

group by c.customer\_last\_name, c.customer\_first\_name, NVL(o.order\_id,'0');

Use both first and last name, you won’t know who’s who if they have the same first name.

A screenshot of a social media post

Description automatically generated

1. select c.customer\_first\_name, c.customer\_last\_name, NVL(o.order\_id,'0'), sum(o2.order\_qty)

from customers c left outer join orders o

on c.customer\_id = o.customer\_id

left outer join order\_details o2

on o2.order\_id = o.order\_id

group by c.customer\_last\_name, c.customer\_first\_name, NVL(o.order\_id,'0');

A screenshot of a social media post

Description automatically generated

1. select vendor\_name, invoice\_number

from vendors v inner join invoices i

on v.vendor\_id = i.vendor\_id

inner join invoice\_line\_items i2

on i.invoice\_id = i2.invoice\_id;

A close up of a piece of paper

Description automatically generated

1. select distinct v.vendor\_id, invoice\_id

from vendors v inner join invoices i

on v.vendor\_id = i.vendor\_id;

A screenshot of a cell phone

Description automatically generated

1. select distinct v.vendor\_id, invoice\_id

from vendors v left outer join invoices i

on v.vendor\_id = i.vendor\_id;

A screenshot of a cell phone

Description automatically generated

* 1. select vendor\_name, vendor\_phone

from vendors

where cooperating\_vendor\_id is not null;

A screenshot of a cell phone

Description automatically generated

* 1. select v.vendor\_name, v.vendor\_phone,

v2.vendor\_name as cooperating\_vendor, v2.vendor\_phone as cooperating\_vendor\_phone

from vendors v inner join vendors v2

on v.vendor\_id = v2.cooperating\_vendor\_id

where v.cooperating\_vendor\_id is not null;

A screenshot of a cell phone

Description automatically generated

* 1. select v.vendor\_name, v.vendor\_phone,

NVL(v2.vendor\_name,'N/A') as cooperating\_vendor, v2.vendor\_phone as cooperating\_vendor\_phone

from vendors v left outer join vendors v2

on v.vendor\_id = v2.cooperating\_vendor\_id;

A screenshot of a cell phone

Description automatically generated