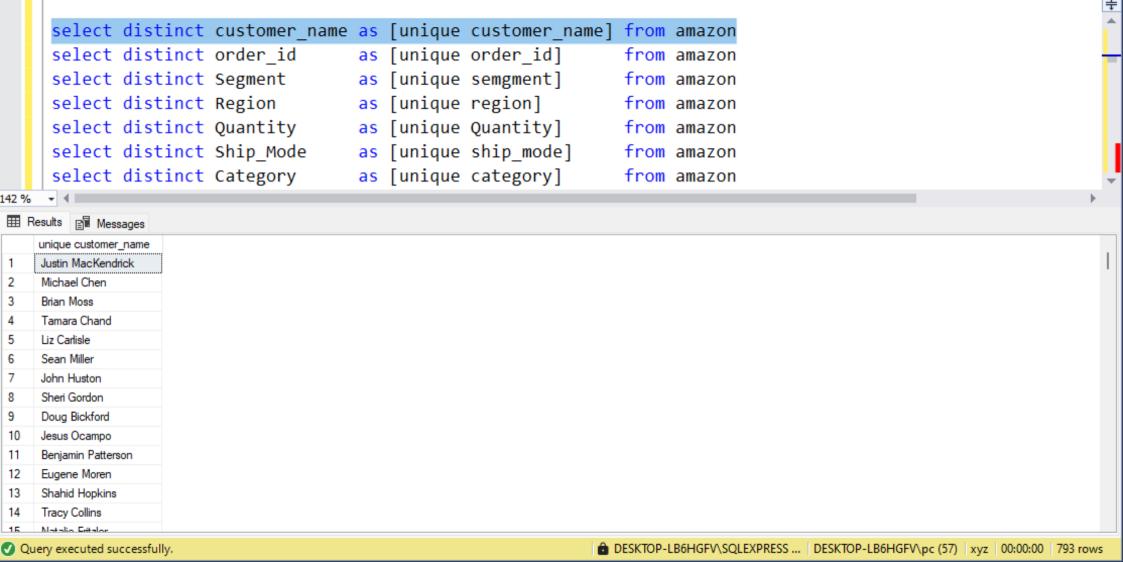
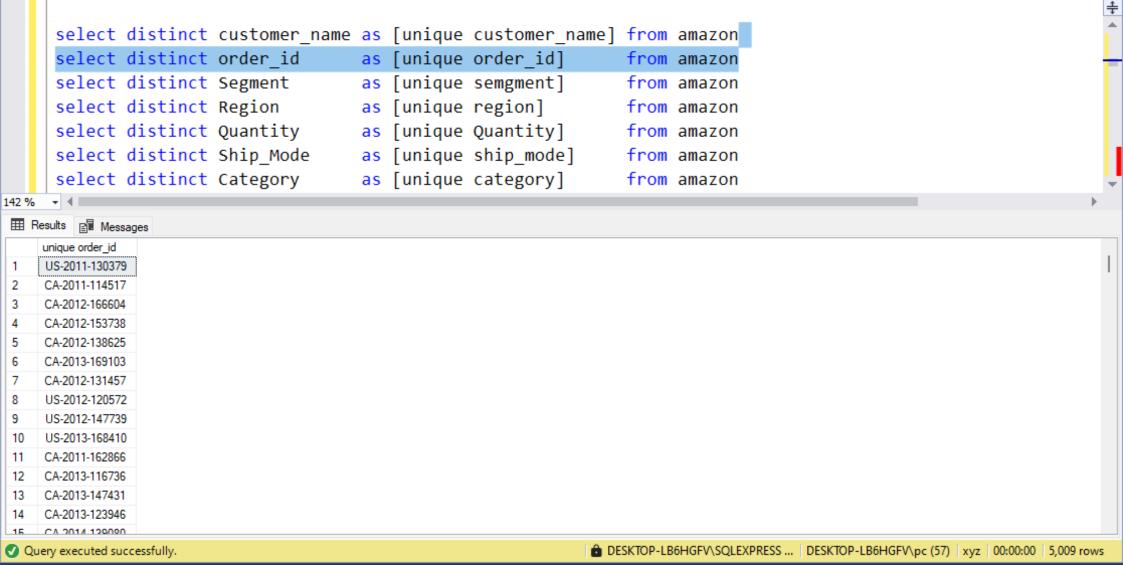
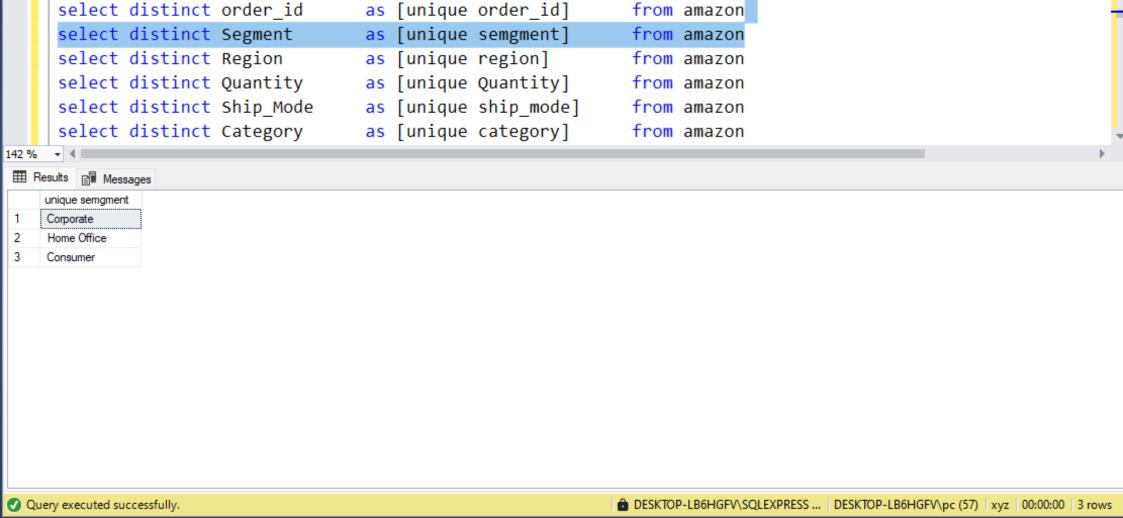


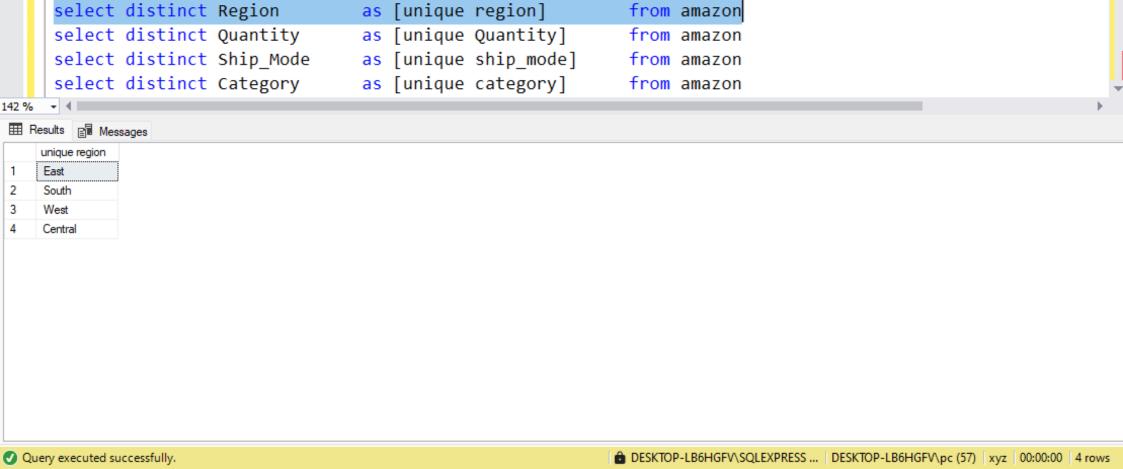
	how to fetch Unique details
	select count(distinct customer_name) as [unique customer_name] from amazon
	select count(distinct order_id) as [unique order_id] from amazon
	select count(distinct Segment) as [unique semgment] from amazon
	select count(distinct Region) as [unique region] from amazon
	select count(distinct Quantity) as [unique Quantity] from amazon
	select count(distinct Ship_Mode) as [unique ship_mode] from amazon
	select count(distinct Category) as [unique category] from amazon
142 %	• ▼ (
⊞F	Results
	unique customer_name
1	793
1	unique order_id 5009
Ľ	
1	unique semgment 3
Ë	
1	unique region 4
	unique Quantity
1	14
	unique ship_mode
1	4
	unique category







select distinct customer name as [unique customer name] from amazon



from amazon

from amazon

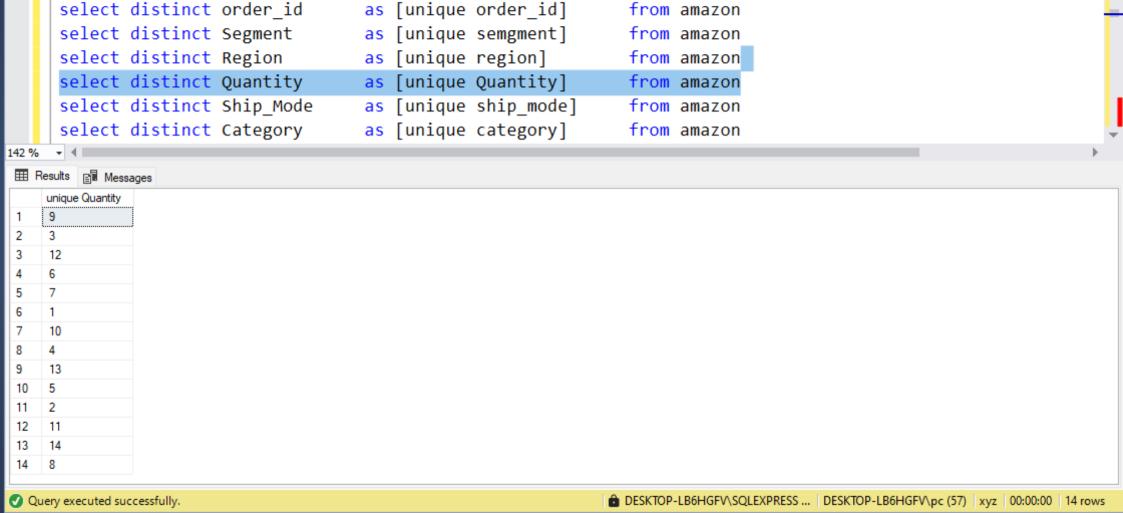
select distinct customer name as [unique customer name] from amazon

as [unique order id]

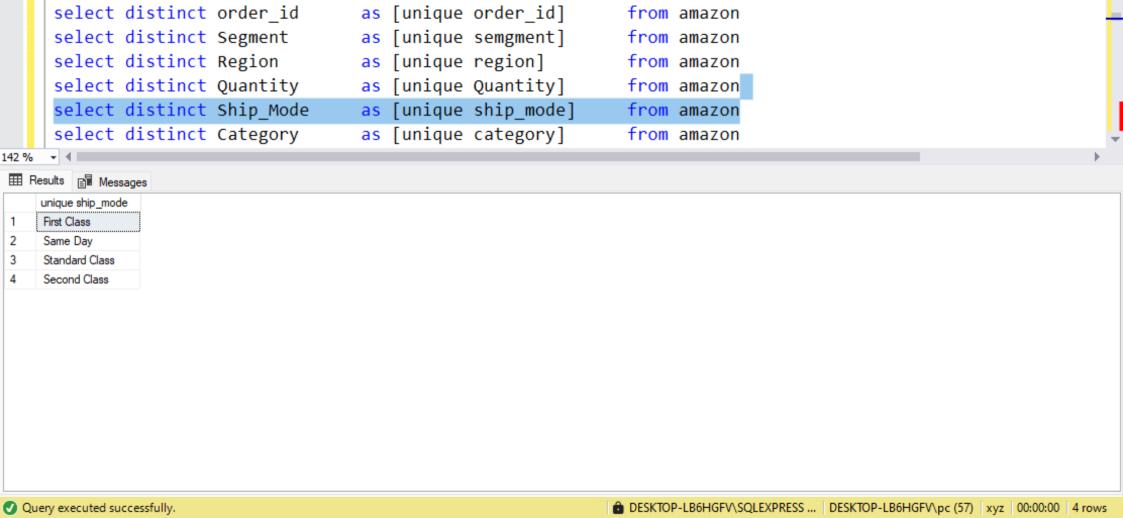
as [unique semgment]

select distinct order id

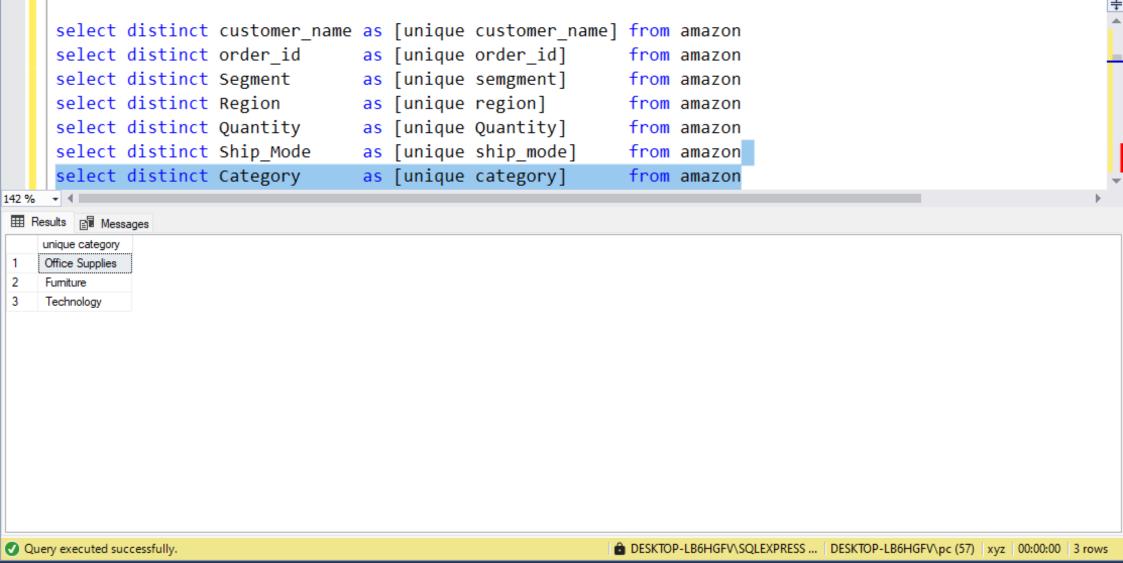
select distinct Segment



select distinct customer name as [unique customer name] from amazon



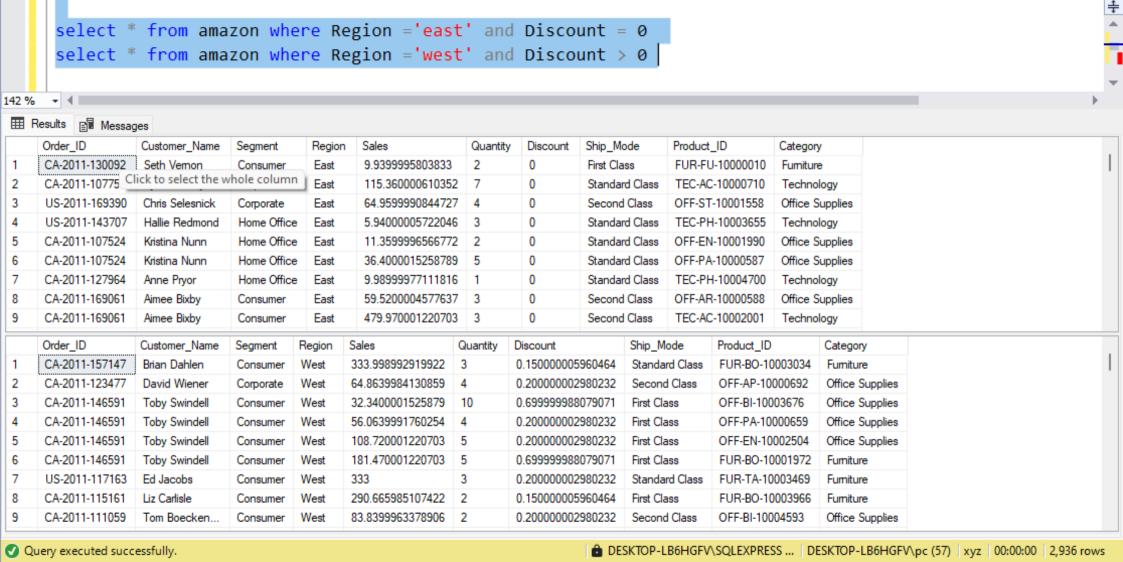
select distinct customer name as [unique customer name] from amazon



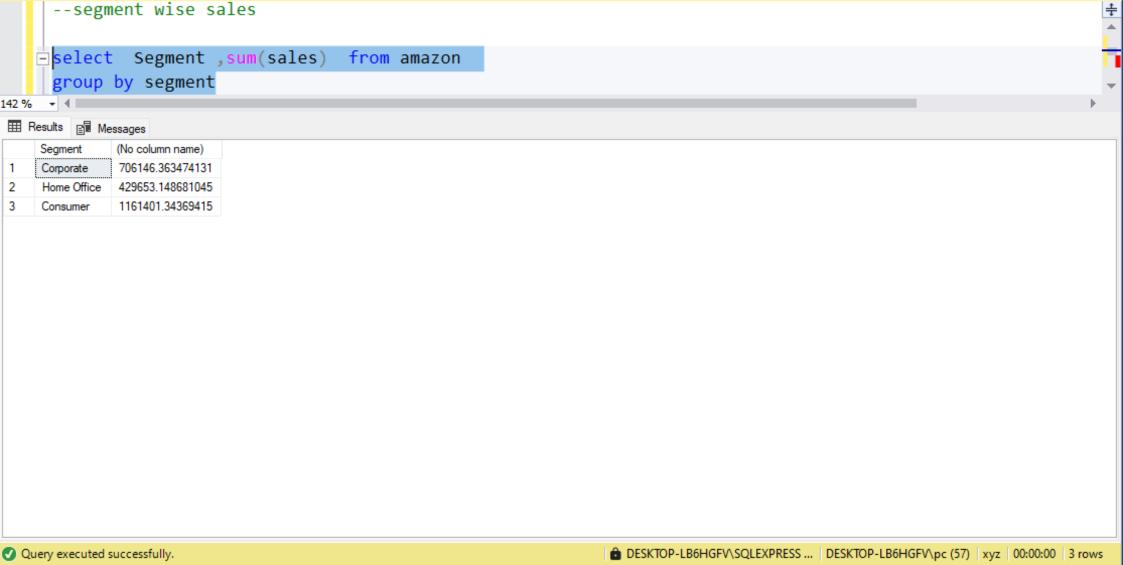
```
--where region and quantity
                                                                                                                                                                                         ÷
        select * from amazon where Region = 'west' and Quantity > 1 order by Quantity
        select * from amazon where Region = 'east' and Sales > 5000 order by Sales
142 %
Order ID
                      Customer Name
                                                      Region
                                                              Sales
                                                                                 Quantity
                                                                                          Discount
                                                                                                              Ship Mode
                                                                                                                             Product ID
                                                                                                                                              Category
                                         Seament
      CA-2011-148614
                       Mark Van Huff
                                         Consumer
                                                      West
                                                               19 3600006103516
                                                                                          0
                                                                                                              Standard Class
                                                                                                                             OFF-PA-10002893
                                                                                                                                               Office Supplies
      CA-2011-148614
                       Mark Van Huff
                                         Consumer
                                                      West
                                                               19.2999992370605
                                                                                          0
                                                                                                              Standard Class
                                                                                                                             FUR-FU-10003194
                                                                                                                                               Fumiture
      CA-2011-111059
                       Tom Boeckenhauer
                                                               83.8399963378906
                                                                                          0.200000002980232
                                                                                                              Second Class
                                                                                                                             OFF-BI-10004593
                                         Consumer
                                                      West
                                                                                                                                               Office Supplies
      CA-2011-104808
                       Mark Haberlin
                                         Comorate
                                                      West
                                                               17.2479991912842 2
                                                                                          0.200000002980232
                                                                                                              Second Class
                                                                                                                             OFF-BI-10003676
                                                                                                                                               Office Supplies
      CA-2011-125759
                       Nathan Mautz
                                                               14.5600004196167 2
 5
                                         Home Office
                                                      West
                                                                                                              First Class
                                                                                                                             FUR-FU-10002111
                                                                                                                                               Furniture
      US-2011-110674
                       Sanjit Chand
                                         Consumer
                                                      West
                                                               129.567993164063 2
                                                                                          0.200000002980232
                                                                                                              Standard Class
                                                                                                                             FUR-CH-10000225
                                                                                                                                               Furniture
      CA-2011-115161
                                                               290.665985107422 2
                       Liz Carlisle
                                         Consumer
                                                      West
                                                                                          0.150000005960464
                                                                                                              First Class
                                                                                                                             FUR-BO-10003966
                                                                                                                                               Furniture
 8
      CA-2011-121762
                       Marina Lichtenstein
                                         Comorate
                                                      West
                                                               81 9599990844727 2
                                                                                                              Standard Class
                                                                                                                             OFF-AP-10001293
                                                                                                                                               Office Supplies
      CA-2011-121762
                       Marina Lichtenstein
                                                               238.619995117188 2
                                                                                                              Standard Class
                                                                                                                             OFF-SU-10000157
 9
                                         Comorate
                                                      West
                                                                                                                                               Office Supplies
      CA-2011-104269
                                                               457.567993164063 2
                                                                                          0.200000002980232
                                                                                                                             FUR-CH-10004063
                       Dave Brooks
                                         Consumer
                                                      West
                                                                                                              Second Class
                                                                                                                                               Furniture
 11
      US-2011-131982
                       Nora Pelletier
                                         Home Office
                                                      West
                                                               107.648002624512 2
                                                                                          0.200000002980232
                                                                                                              Second Class
                                                                                                                             OFF-BI-10004224
                                                                                                                                               Office Supplies
      Order ID
                      Customer Name
                                         Segment
                                                      Region
                                                              Sales
                                                                                Quantity
                                                                                         Discount
                                                                                                             Ship Mode
                                                                                                                           Product ID
                                                                                                                                              Category
      CA-2014-143112
                       Todd Sumrall
                                                               5199 9599609375
                                                                                                             Standard Class
                                                                                                                            TEC-MA-10001047
                                         Corporate
                                                      East
                                                                                          0
                                                                                                                                              Technology
      US-2013-140158
                       Daniel Raglin
                                         Home Office
                                                      East
                                                               5399.91015625
                                                                                          0
                                                                                                             Standard Class
                                                                                                                            TEC-CO-10001449
                                                                                                                                              Technology
      CA-2011-145541
                       Tom Boeckenhauer
                                                               6999.9599609375
                                                                                                             Standard Class
                                                      East
                                                                                                                            TEC-MA-10001127
                                         Consumer
                                                                                                                                              Technology
      CA-2013-143714
                       Christopher Conant
                                                      East
                                                               8399.9755859375
                                                                                          0.400000005960464
                                                                                                             Standard Class
                                                                                                                            TEC-CO-10004722
                                         Consumer
                                                                                                                                              Technology
                                                                                                                            TEC-MA-10001047
      US-2013-107440
                       Bill Shonely
                                                      East
                                                               9099.9296875
                                                                                                             Standard Class
                                         Corporate
                                                                                          0
                                                                                                                                              Technology
      CA-2014-166709
                       Hunter Lopez
                                         Consumer
                                                      East
                                                               10499.9697265...
                                                                                          0
                                                                                                             Standard Class
                                                                                                                            TEC-CO-10004722
                                                                                                                                              Technology
      CA-2014-127180
                                         Home Office
                                                               11199.9677734...
                                                                                          0.200000002980232
                                                                                                                            TEC-CO-10004722
                       Tom Ashbrook
                                                      East
                                                                                                             First Class
                                                                                                                                              Technology

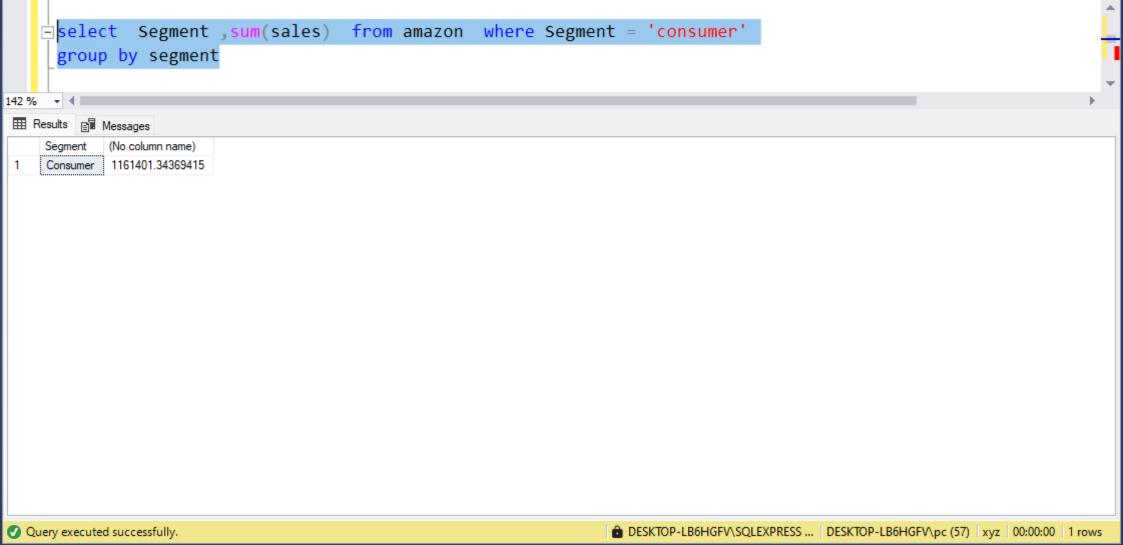
    Query executed successfully.

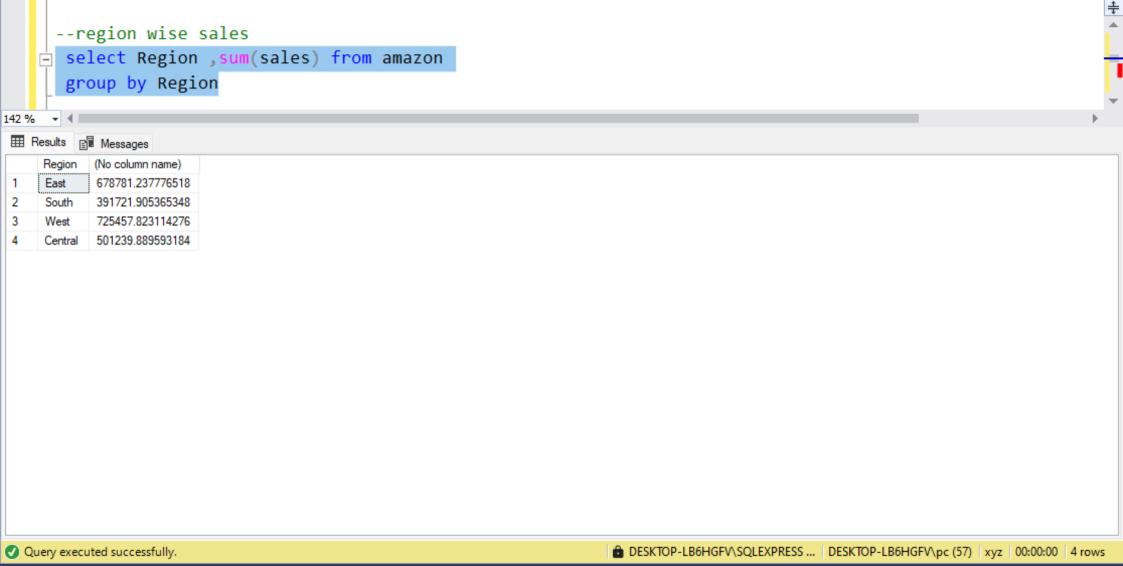
                                                                                                  DESKTOP-LB6HGFV\SQLEXPRESS ... | DESKTOP-LB6HGFV\pc (57) | xvz | 00:00:00 | 2.920 rows
```



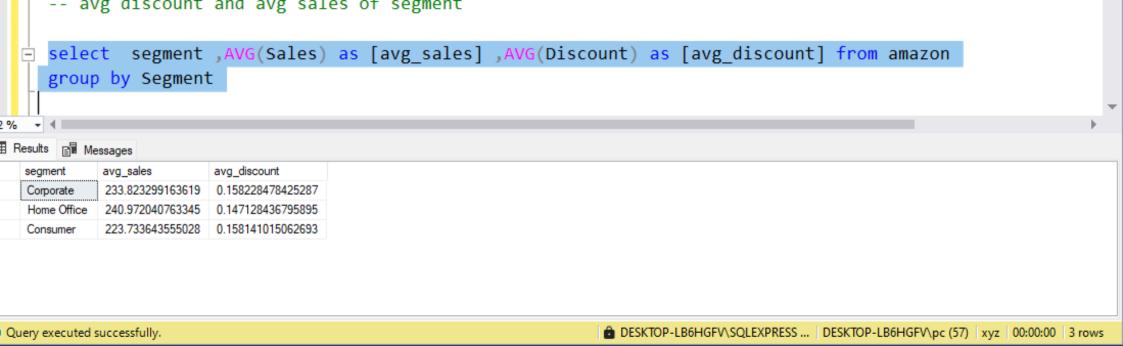
	select *	from amaz	on where	Regi	ion in ('ce	ntral'	, 'eas	t','west'	,'south') a	and Disco	unt = 0		t
				U									
142 %	- 4												•
■ R	Results 📳 Messag	ies											
	Order_ID	Customer_Name	Segment	Region	Sales	Quantity	Discount	Ship_Mode	Product_ID	Category			
1	CA-2011-130813	Lycoris Saunders	Consumer	West	19.4400005340576	3	0	Second Class	OFF-PA-10002005	Office Supplies			
2	CA-2011-106054	Jack O'Briant	Corporate	South	12.7799997329712	3	0	First Class	OFF-AR-10002399	Office Supplies			
3	CA-2011-167199	Maria Etezadi	Home Office	South	2573.82006835938	9	0	Standard Class	FUR-CH-10004063	Fumiture			
4	CA-2011-167199	Maria Etezadi	Home Office	South	609.97998046875	2	0	Standard Class	OFF-BI-10004632	Office Supplies			
5	CA-2011-167199	Maria Etezadi	Home Office	South	5.48000001907349	2	0	Standard Class	OFF-AR-10001662	Office Supplies			
6	CA-2011-167199	Maria Etezadi	Home Office	South	391.980010986328	2	0	Standard Class	TEC-PH-10004977	Technology			
7	CA-2011-167199	Maria Etezadi	Home Office	South	755.960021972656	4	0	Standard Class	TEC-PH-10004539	Technology			
8	CA-2011-167199	Maria Etezadi	Home Office	South	31.1200008392334	4	0	Standard Class	OFF-FA-10001883	Office Supplies			
9	CA-2011-167199	Maria Etezadi	Home Office	South	6.53999996185303	1	0	Standard Class	OFF-PA-10000955	Office Supplies			
10	CA-2011-149020	Anthony Jacobs	Corporate	South	2.89000010490417	1	0	Standard Class	OFF-LA-10004272	Office Supplies			
11	CA-2011-149020	Anthony Jacobs	Corporate	South	51.939998626709	1	0	Standard Class	FUR-FU-10000965	Furniture			
12	CA-2011-130092	Seth Vemon	Consumer	East	9.9399995803833	2	0	First Class	FUR-FU-10000010	Furniture			
13	CA-2011-162775	Chris Selesnick	Corporate	South	11.3599996566772	2	0	Second Class	OFF-EN-10001990	Office Supplies			
14	CA-2011-162775	Chris Selesnick	Corporate	South	50.939998626709	3	0	Second Class	OFF-EN-10001532	Office Supplies			
15	CA-2011-162775	Chris Selesnick	Corporate	South	646.739990234375	6	0	Second Class	TEC-AC-10003174	Technology			
16	CA-2011-162775	Chris Selesnick	Corporate	South	5.6399998664856	3	0	Second Class	OFF-BI-10004187	Office Supplies			
17	CA-2011-162775	Chris Selesnick	Corporate	South	572.580017089844	6	0	Second Class	OFF-ST-10000025	Office Supplies			
18	CA-2011-109232	Natalie DeChemey	Consumer	South	545.940002441406	6	0	Second Class	FUR-CH-10000422	Furniture			
19	CA-2011-157147	Brian Dahlen	Consumer	West	1325.84997558594	5	0	Standard Class	OFF-ST-10000078	Office Supplies			
20	CA-2011-157147	Brian Dahlen	Consumer	West	19.8999996185303	5	0	Standard Class	OFF-AR-10003514	Office Supplies			
O Qu	uery executed succ	essfully.							6HGFV\SQLEXPRESS	DESKTOP-LB	6HGFV\pc (57)	yz 00:00:00	4,798 rows

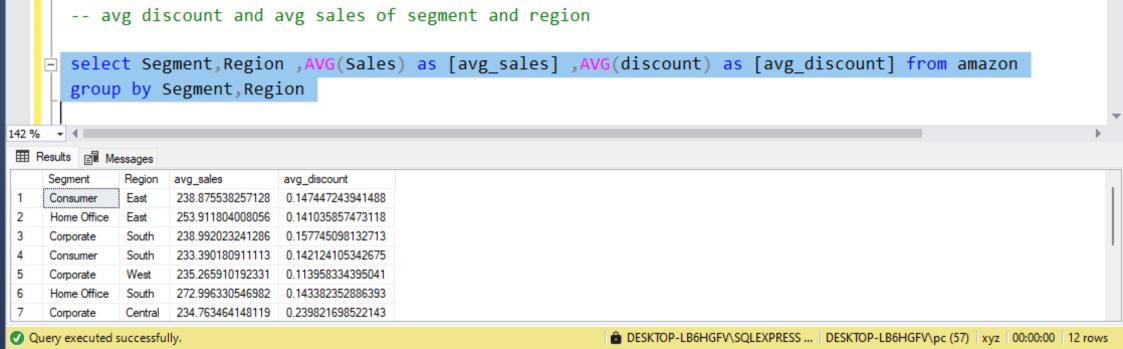






```
select Region ,sum(sales) from amazon where Region = 'west'
  group by Region
  -- avg discount and avg sales of segment
⊡ select segment ,AVG(Sales) as [avg sales] ,AVG(Discount) as [avg discount] from amazon
group by Segment
esults 📳 Messages
Region
     (No column name)
West
      725457.823114276
                                                                  ♠ DESKTOP-LB6HGFV\SQLEXPRESS ... DESKTOP-LB6HGFV\pc (57) xyz 00:00:00 1 rows
ery executed successfully.
```





```
--avg discount and avg sales of segment and region and
       --customer name start which a and category in furniture and technology
    = select region, segment, avg(sales) as [avg sales],
       AVG(discount) as [avg discount]
      from amazon
      where amazon.Customer Name like 'a%' and amazon.Category in ('furniture', 'technology')
      group by Region, Segment
avg_sales
                                 avg_discount
    region
           segment
     Central
          Consumer
                   356.638586199561
                                 0.154418608130411
                   236 271875476837
                                 0.117500002682209
     East
           Consumer
                   265 432948162681
     South
           Consumer
                                 0.0631578956779681
     West
           Consumer
                   322.138478474184
                                 0.171590911055153
                   625.627000808716
                                 0.281818189404228
           Corporate
     East
           Corporate
                   303.130686299554
                                 0.155172416876102
           Corporate 449.966828068097
                                 0.120833334823449
     South

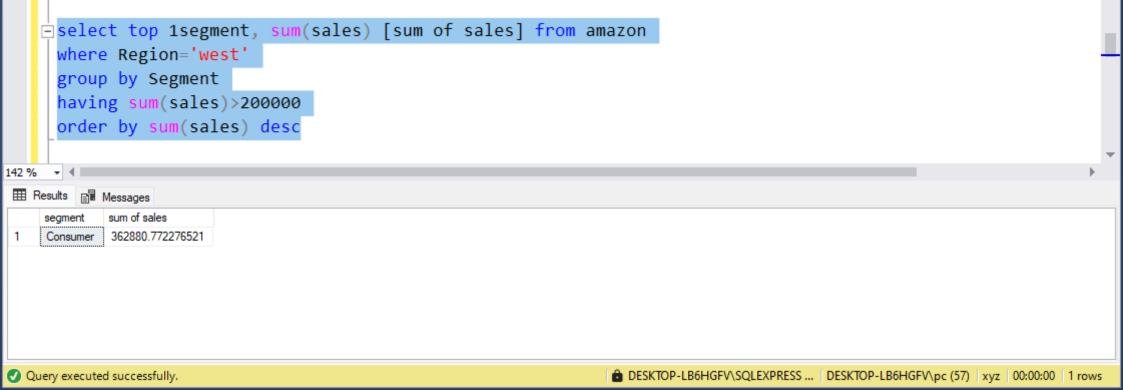
    Query executed successfully.

                                                                             DESKTOP-LB6HGFV\SQLEXPRESS ... DESKTOP-LB6HGFV\pc (57) xyz 00:00:00 12 rows
```

```
-- sum sales of segment and region west and sum sales> 200000
    eselect segment, sum(sales) [sum of sales] from amazon
       where Region='west'
       group by Segment
       having sum(sales)>200000
       order by 1 asc ,2 desc
142 % ▼ ◀ ■
Results Ressages
                     avg_sales
                                    avg_discount
     region
            segment
                     356.638586199561
                                   0 154418608130411
     Central
            Consumer
     East
            Consumer
                     236.271875476837
                                    0.117500002682209
                     265.432948162681
                                    0.0631578956779681
     South
            Consumer
     West
                     322.138478474184
                                   0.171590911055153
            Consumer
            Corporate
                     625.627000808716
                                   0.281818189404228
     Central
     East
                     303.130686299554
                                   0.155172416876102
            Corporate
     South
            Corporate 449.966828068097
                                   0.120833334823449

    Query executed successfully.

    DESKTOP-LB6HGFV\SQLEXPRESS ... DESKTOP-LB6HGFV\pc (57) xyz 00:00:00 12 rows
```



```
-- avg sales of segmentand category and customer name start with a,m,p and avg discount>0.15
    iselect amazon. Segment , category , AVG(sales) [avg of sales] from amazon
      where amazon.Customer Name not like '[a,m,p]%'
      group by amazon segment, category
      having avg(discount)>0.15
142 %
Results 🗐 Messages
     Segment
                          avg of sales
              category
     Corporate
               Fumiture
                          355.79548414533
              Office Supplies
                          134.397053084637
     Corporate
     Consumer
               Furniture
                          345.818633808237
     Home Office
               Furniture
                          337.744257138621
              Office Supplies 111.705990061724
     Consumer

    Query executed successfully.

                                                                              DESKTOP-LB6HGFV\SQLEXPRESS ... DESKTOP-LB6HGFV\pc (57) xyz 00:00:00 | 5 rows
```

```
--inner join
       select * from amazon
       select * from Returns
    iselect amazon.* ,returns.returned from amazon inner join returns
       on amazon.order_id = returns.order_id
Results Resages
     CA-2011-130813 Lycons Saunders
                                  Consumer
                                                     19.4400003405/6 3
                                                                                              Second Class
                                                                                                          OFF-PA-10002005
                                                                                                                          Office Supplies
     CA-2011-106054 Jack O'Briant
                                                     12.7799997329712 3
                                                                                                          OFF-AR-10002399 Office Supplies
                                  Corporate
                                             South
                                                                                              First Class
     CA-2011-167199 Maria Etezadi
                                  Home Office
                                                     2573.82006835938 9
                                                                                              Standard Class
                                                                                                         FUR-CH-100040... Furniture
                                             South
     CA-2011-167199 Maria Etezadi
                                             South
                                                     609.97998046875
                                                                                                         OFF-BI-10004632
                                                                                                                         Office Supplies
                                  Home Office
                                                                                              Standard Class
     Returned
              Order_ID
     Yes
              CA-2012-154970
     Yes
              CA-2013-167759
     Yes
              CA-2014-109085

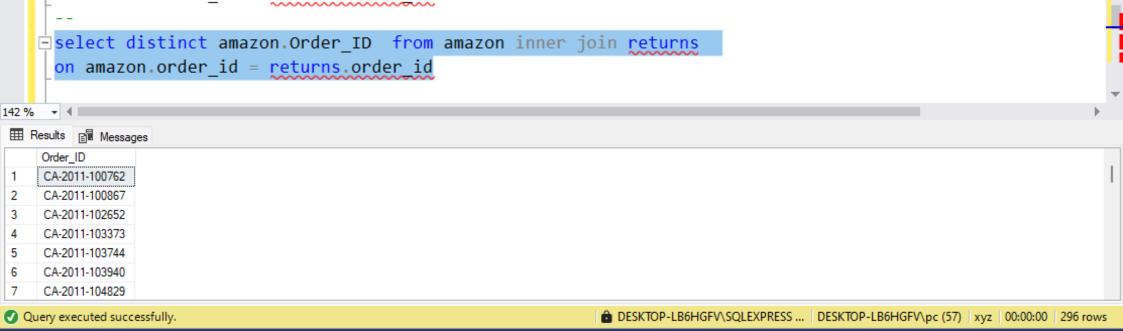
    Query executed successfully.

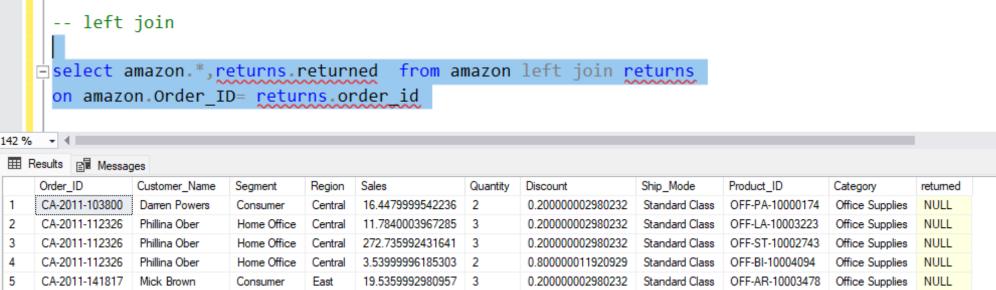
                                                                                     DESKTOP-LB6HGFV\SQLEXPRESS ... DESKTOP-LB6HGFV\pc (57) xyz 00:00:00 10,290 rows
```

select amazon.* ,returns.returned from amazon inner join returns on amazon order id = returns order id select distinct amazon.Order_ID from amazon inner join returns

Results Messages

	EL Mosages											
	Order_ID	Customer_Name	Segment	Region	Sales	Quantity	Discount	Ship_Mode	Product_ID	Category	returned	
1	CA-2011-148614	Mark Van Huff	Consumer	West	19.3600006103516	2	0	Standard Class	OFF-PA-10002893	Office Supplies	Yes	
2	CA-2011-148614	Mark Van Huff	Consumer	West	19.2999992370605	2	0	Standard Class	FUR-FU-10003194	Furniture	Yes	
3	CA-2011-103744	Michael Grace	Home Office	Central	6.93599987030029	3	0.200000002980232	Standard Class	OFF-LA-10004425	Office Supplies	Yes	
4	CA-2011-103744	Michael Grace	Home Office	Central	4.42799997329712	3	0.800000011920929	Standard Class	OFF-BI-10000320	Office Supplies	Yes	
5	US-2011-164763	Mark Haberlin	Corporate	South	11.4300003051758	3	0	Standard Class	OFF-BI-10000605	Office Supplies	Yes	
6	US-2011-164763	Mark Haberlin	Corporate	South	30.4400005340576	2	0	Standard Class	OFF-BI-10000309	Office Supplies	Yes	
7	US-2011-164763	Mark Haberlin	Corporate	South	12.960000038147	2	0	Standard Class	OFF-PA-10003349	Office Supplies	Yes	





CA-2011-130813 Lycoris Saunders West 19.4400005340576 3 Consumer CA-2011-106054 Jack O'Briant Corporate South 12.7799997329712 3

Second Class

Office Supplies NULL

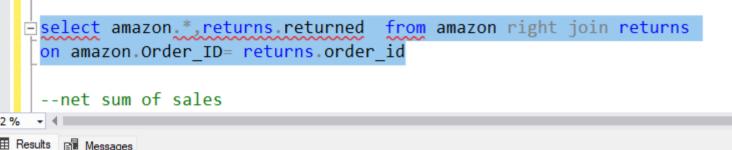
NULL

Office Supplies

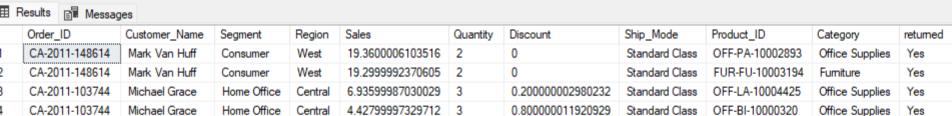
Query executed successfully.

First Class OFF-AR-10002399 ₱ DESKTOP-LB6HGFV\SQLEXPRESS ... DESKTOP-LB6HGFV\pc (57) xyz 00:00:00 9,994 rows

OFF-PA-10002005



	net su	m of sale	S									
142 %	- 4											
⊞ Results												
	Order_ID	Customer_Name	Segment	Region	Sales	Quantity	Discount	Ship_Mod				
1	CA-2011-148614	Mark Van Huff	Consumer	West	19.3600006103516	2	0	Standard				
2	CA-2011-149614	Mark Van Huff	Consumer	West	19 2999992270605	2	0	Standard				





OFF-BI-10000605 Office Supplies Yes Standard Class OFF-BI-10000309 Office Supplies

CA-2011-103744 Michael Grace Home Office Central 4.42799997329712 3 0.800000011920929

US-2011-164763 Mark Haberlin South 30.4400005340576 2 Corporate

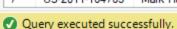
US-2011-164763 Mark Haberlin 11.4300003051758 3 Corporate South

US-2011-164763 Mark Haberlin South 12.960000038147 0 Corporate



Standard Class OFF-PA-10003349 Office Supplies

DESKTOP-LB6HGFV\SQLEXPRESS ... DESKTOP-LB6HGFV\pc (57) xyz 00:00:00 800 rows



Standard Class

```
select sum(sales) from amazon left join returns
     on amazon.Order_ID = returns.Order_ID
     where returns Returned is null
     --total sales amount returned
   select sum(sales) from amazon left join returns
     on amazon.Order_ID = returns.Order_ID
     where returns. Returned is NOT null
(No column name)
    2116696.57831663

    Query executed successfully.

    DESKTOP-LB6HGFV\SQLEXPRESS ... DESKTOP-LB6HGFV\pc (57) xyz 00:00:00 1 rows
```

--net sum of sales

