

Query:

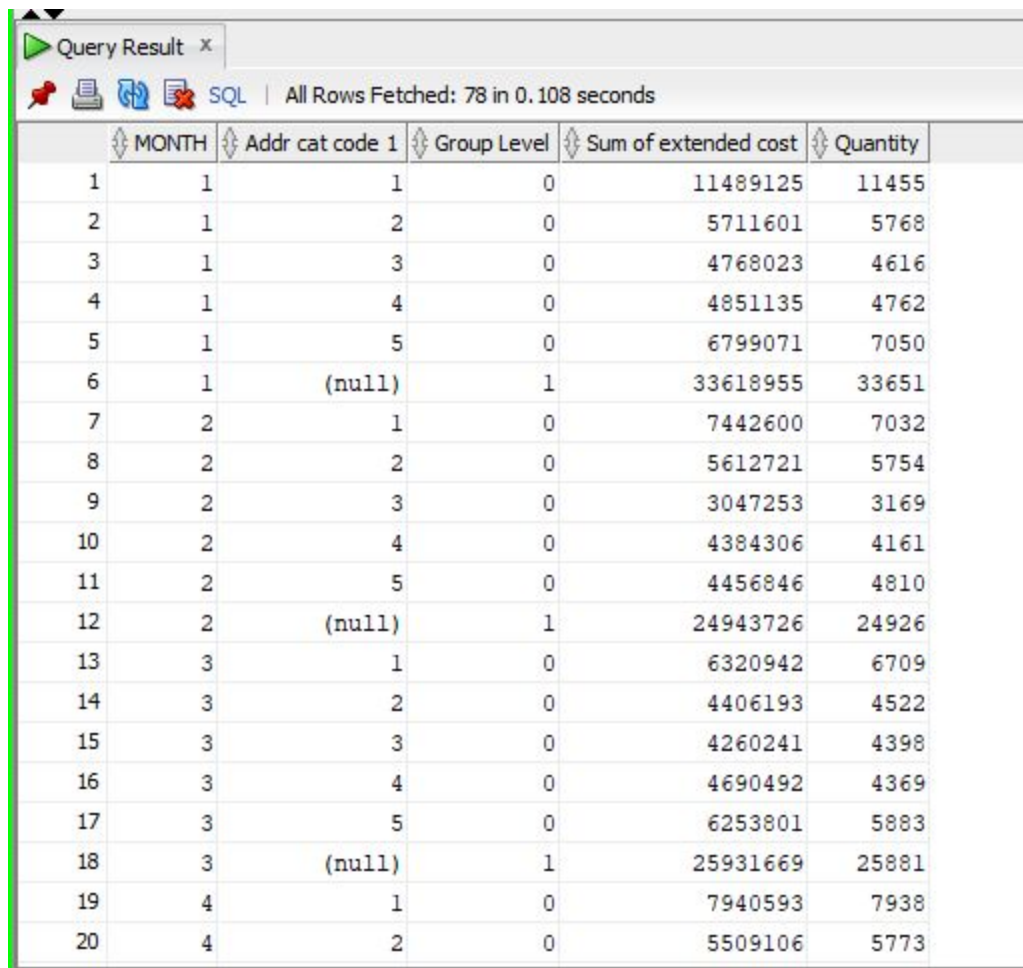
```
SELECT date_dim.calmonth Month, cust_vendor_dim.addrcatcode1 "Addr cat code 1",  
GROUPING_ID(date_dim.calmonth, cust_vendor_dim.addrcatcode1) "Group Level",  
SUM(inventory_fact.extcost) "Sum of extended cost", SUM(inventory_fact.quantity) "Quantity"
```

```
FROM inventory_fact, cust_vendor_dim, date_dim
```





```
WHERE inventory_fact.custvendorkey = cust_vendor_dim.custvendorkey  
AND inventory_fact.datekey = date_dim.datekey  
AND date_dim.calyear = 2011  
AND inventory_fact.transtypekey = 5
```

```
GROUP BY CUBE(date_dim.calmonth, cust_vendor_dim.addrcatcode1)
```

```
ORDER BY date_dim.calmonth, cust_vendor_dim.addrcatcode1
```

Output:

| | MONTH | Addr cat code 1 | Group Level | Sum of extended cost | Quantity |
|----|-------|-----------------|-------------|----------------------|----------|
| 1 | 1 | 1 | 0 | 11489125 | 11455 |
| 2 | 1 | 2 | 0 | 5711601 | 5768 |
| 3 | 1 | 3 | 0 | 4768023 | 4616 |
| 4 | 1 | 4 | 0 | 4851135 | 4762 |
| 5 | 1 | 5 | 0 | 6799071 | 7050 |
| 6 | 1 | (null) | 1 | 33618955 | 33651 |
| 7 | 2 | 1 | 0 | 7442600 | 7032 |
| 8 | 2 | 2 | 0 | 5612721 | 5754 |
| 9 | 2 | 3 | 0 | 3047253 | 3169 |
| 10 | 2 | 4 | 0 | 4384306 | 4161 |
| 11 | 2 | 5 | 0 | 4456846 | 4810 |
| 12 | 2 | (null) | 1 | 24943726 | 24926 |
| 13 | 3 | 1 | 0 | 6320942 | 6709 |
| 14 | 3 | 2 | 0 | 4406193 | 4522 |
| 15 | 3 | 3 | 0 | 4260241 | 4398 |
| 16 | 3 | 4 | 0 | 4690492 | 4369 |
| 17 | 3 | 5 | 0 | 6253801 | 5883 |
| 18 | 3 | (null) | 1 | 25931669 | 25881 |
| 19 | 4 | 1 | 0 | 7940593 | 7938 |
| 20 | 4 | 2 | 0 | 5509106 | 5773 |

| Query Result x | | | | | |
|---|--------|-----------------|-------------|----------------------|----------|
|     All Rows Fetched: 78 in 0.108 seconds | | | | | |
| | MONTH | Addr cat code 1 | Group Level | Sum of extended cost | Quantity |
| 59 | 10 | 5 | 0 | 6555549 | 6407 |
| 60 | 10 | (null) | 1 | 31484354 | 31449 |
| 61 | 11 | 1 | 0 | 6633385 | 7019 |
| 62 | 11 | 2 | 0 | 4378234 | 4221 |
| 63 | 11 | 3 | 0 | 3845168 | 3616 |
| 64 | 11 | 4 | 0 | 4557014 | 4407 |
| 65 | 11 | 5 | 0 | 7245193 | 6795 |
| 66 | 11 | (null) | 1 | 26658994 | 26058 |
| 67 | 12 | 1 | 0 | 7890238 | 8055 |
| 68 | 12 | 2 | 0 | 5784891 | 5554 |
| 69 | 12 | 3 | 0 | 3979232 | 3894 |
| 70 | 12 | 4 | 0 | 3804068 | 3932 |
| 71 | 12 | 5 | 0 | 5646691 | 6069 |
| 72 | 12 | (null) | 1 | 27105120 | 27504 |
| 73 | (null) | 1 | 2 | 104660901 | 104941 |
| 74 | (null) | 2 | 2 | 66092203 | 66417 |
| 75 | (null) | 3 | 2 | 52046815 | 52057 |
| 76 | (null) | 4 | 2 | 54725985 | 53456 |
| 77 | (null) | 5 | 2 | 72490207 | 72103 |
| 78 | (null) | (null) | 3 | 350016111 | 348974 |