

QUERY 1

```
SELECT d.calmonth, c.addrcatcode1, SUM(EXTCOST) AS TOTAL_COST, SUM(QUANTITY) AS  
TOTAL_QUANTITY  
FROM INVENTORY_FACT F, DATE_DIM D, trans_type_dim T, cust_vendor_dim C  
WHERE f.datekey = d.datekey  
AND f.transtypekey=t.transtypekey  
AND c.custvendorkey = f.custvendorkey  
AND  
T.TRANSTYPEKEY = 5 AND D.CALYEAR = 2011  
GROUP BY CUBE(d.calmonth, c.addrcatcode1)  
ORDER BY d.calmonth, c.addrcatcode1;
```

The screenshot displays a SQL query execution environment. The top section shows the query text in a 'Query Builder' window. The bottom section shows the 'Script Output' window with the results of the query.

Query Text:

```
SELECT d.calmonth, c.addrcatcode1, SUM(EXTCOST) AS TOTAL_COST, SUM(QUANTITY) AS TOTAL_QUANTITY  
FROM INVENTORY_FACT F, DATE_DIM D, trans_type_dim T, cust_vendor_dim C  
WHERE f.datekey = d.datekey  
AND f.transtypekey=t.transtypekey  
AND c.custvendorkey = f.custvendorkey  
AND  
T.TRANSTYPEKEY = 5 AND D.CALYEAR = 2011  
GROUP BY CUBE(d.calmonth, c.addrcatcode1)  
ORDER BY d.calmonth, c.addrcatcode1;
```

Script Output:

Task completed in 0.031 seconds

CALMONTH	ADDCATCODE1	TOTAL_COST	TOTAL_QUANTITY
1	1	11489125	11455
1	2	5711601	5768
1	3	4768023	4616
1	4	4851135	4762
1	5	6799071	7050
1		33618955	33651
2	1	7442600	7032
2	2	5612721	5754
2	3	3047253	3169
2	4	4384306	4161
2	5	4456846	4810
2		24943726	24926
3	1	6320942	6709
3	2	4406193	4522
3	3	4260241	4398
3	4	4690492	4369
3	5	6252801	6882