

PROBLEM 1 BY SHASHANK MISHRA

QUERY

```
select  D.calmonth,C.addrcatcode1, sum(I.QUANTITY)as tot_qun, sum(I.EXTCOST) as
tot_extcost from date_dim D inner join inventory_fact I on D.DATEKEY = I.DATEKEY inner join
cust_vendor_dim C on C.CUSTVENDORKEY = I.CUSTVENDORKEY where D.CALYEAR = 2011
group by cube(D.calmonth,C.addrcatcode1);
```

SNAPSHOT

| | ⚡ CALMONTH | ⚡ ADDR CATCODE1 | ⚡ TOT_QUN | ⚡ TOT_EXTCOST |
|----|------------|-----------------|-----------|---------------|
| 1 | (null) | (null) | 42262979 | 42367811707 |
| 2 | (null) | 1 | 12527821 | 12585858412 |
| 3 | (null) | 2 | 8688115 | 8573725393 |
| 4 | (null) | 3 | 6402331 | 6434485278 |
| 5 | (null) | 4 | 6322826 | 6259177325 |
| 6 | (null) | 5 | 8321886 | 8514565299 |
| 7 | 1 | (null) | 4110550 | 4160440795 |
| 8 | 1 | 1 | 1040401 | 1065126287 |
| 9 | 1 | 2 | 1007577 | 1017404894 |
| 10 | 1 | 3 | 713557 | 700921252 |