

## PROBLEM 8 BY SHASHANK MISHRA

### QUERY

```
select D.CALYEAR,D.CALQUARTER,C.NAME, count(*) as num_transactions, 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 or D.CALYEAR = 2012) and I.TRANSTYPEKEY = 5 group by
ROLLUP((D.CALYEAR,D.CALQUARTER)),cube(C.NAME);
```

### SNAPSHOT

	↕ CALYEAR	↕ CALQUARTER	↕ NAME	↕ NUM_TRANSACTIONS	↕ TOT_EXTCOST
1	2011		1 Customer 1	49	4695612
2	2011		2 Customer 1	48	4607305
3	2011		3 Customer 1	44	4242981
4	2011		4 Customer 1	45	4143963
5	2012		1 Customer 1	58	5602801
6	2012		2 Customer 1	60	6376832
7	2012		3 Customer 1	52	5813686
8	2012		4 Customer 1	67	6910814
9	2011		1 Customer 2	51	5376058
10	2011		2 Customer 2	51	5352456