

PROBLEM 5 BY SHASHANK MISHRA

QUERY

```
select C.NAME,D.CALYEAR,D.CALQUARTER, 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 C.NAME,  
ROLLUP(D.CALYEAR,D.CALQUARTER);
```

SNAPSHOT

	NAME	CALYEAR	CALQUARTER	NUM_TRANSACTIONS	TOT_EXTCOST
1	Customer 1	2011	1	49	4695612
2	Customer 1	2011	2	48	4607305
3	Customer 1	2011	3	44	4242981
4	Customer 1	2011	4	45	4143963
5	Customer 1	2011	(null)	186	17689861
6	Customer 1	2012	1	58	5602801
7	Customer 1	2012	2	60	6376832
8	Customer 1	2012	3	52	5813686
9	Customer 1	2012	4	67	6910814
10	Customer 1	2012	(null)	237	24704133