**Solution:**

SELECT T.transdescription,

C.companyname,B.BPNAME,

COUNT(\*) as TotalTransaction,

SUM(I.extcost) as TotalExtCost

FROM branch\_plant\_dim B

INNER JOIN company\_dim C on B.companykey = C.companykey

INNER JOIN inventory\_fact I on B.branchplantkey = I.branchplantkey

INNER JOIN trans\_type\_dim T on T.transtypekey=I.transtypekey

GROUP BY GROUPING SETS((T.transdescription,C.companyname,B.bpname),

T.transdescription,C.companyname,B.BPNAME,());

