Q4.

select t.transdescription,

c.companyname,

b.bpname,

count(\*) as transac\_count,

sum(I.EXTCOST) as extcost

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 i.transtypekey=i.transtypekey

group by grouping sets((T.transdescription,C.companyname,B.bpname),T.transdescription,C.companyname,B.bpname,());

