

## Using Oracle

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```
SELECT TransDescription, CompanyName, BPName, SUM(ExtCost) as SumExtCost, COUNT(*) as
NoOfTransactions
FROM inventory_fact, branch_plant_dim, company_dim, trans_type_dim
WHERE inventory_fact.BranchPlantKey= branch_plant_dim.BranchPlantKey
AND branch_plant_dim.CompanyKey= company_dim.CompanyKey
AND inventory_fact.TransTypeKey = trans_type_dim.TransTypeKey
GROUP BY GROUPING SETS((TransDescription, CompanyName, BPName), (TransDescription,
CompanyName), (TransDescription), ())
ORDER BY TransDescription, CompanyName, BPName;
```

	TRANSDescription	COMPANYNAME	BPNAME	SUMEXTCOST	NOOFTRANSACTIONS
1	Inventory Adjustment	Company 1	Branch Plant 1	3188065	30
2	Inventory Adjustment	Company 1	Branch Plant 2	2542496	22
3	Inventory Adjustment	Company 1	Branch Plant 3	1777790	18
4	Inventory Adjustment	Company 1	Branch Plant 4	2042114	19
5	Inventory Adjustment	Company 1	(null)	9550465	89
6	Inventory Adjustment	Company 2	Branch Plant 5	1829049	22
7	Inventory Adjustment	Company 2	Branch Plant 6	2274809	21
8	Inventory Adjustment	Company 2	Branch Plant 7	1245359	15
9	Inventory Adjustment	Company 2	Branch Plant 8	2067322	22
10	Inventory Adjustment	Company 2	(null)	7416539	80
11	Inventory Adjustment	Company 3	Branch Plant 10	1923162	18
12	Inventory Adjustment	Company 3	Branch Plant 11	2337564	23
13	Inventory Adjustment	Company 3	Branch Plant 12	1843982	18