Report Name	Roll-Up	Drill-Down	Operation Drill-Across	Drill-Thru	Slice	Dice
T01_M4_D4_Excel_Question.pdf	Data is rolled up to month of December for year 2012	We are drilling down to the month of December for year 2012	Not Used	Not Used	Yes data sliced by year 2012 and month December	Not used

Report Name	Roll-Up	Drill-Down	Drill-Across	Drill-Thru	Slice	Dice
						Yes we are
	Yes the data is		Yes we are drilling		Yes we are slicing	grouping by
	rolled up to the	Yes we Drill down to	across Sales Zone	Yes we are drilling tru	Sales Zone =	Area_10 hence Dice
T01_M4_D2_All_Makes.pdf	Sales Zone Area_10	each MSA	Area_10	each MSA in Area_10	Area_10	operation is used

Report Name	Roll-Up	Drill-Down	O <sub>I</sub> Drill-Across	peration Drill-Thru	Slice	Dice
T01_M4_D2_PackRat_Only.pdf	Yes the data is rolled up to the Sales Zone Area_10		•	· ·	Zone = Area_10 and Make	Yes we are grouping by Area_10 hence Dice operation is used

	Operation					
Report Name	Roll-Up	Drill-Down	Drill-Across	Drill-Thru	Slice	Dice
					Yes we are slicing	Yes we are
	Yes the data is rolled		Yes we are drilling		Sales Zone =	grouping by
	up to the Sales Zone	Yes we Drill down to each	across Sales Zone	Yes we are drilling tru	Area_10 and Make	Area_10 hence Dice
T01_M4_D2_Behemoth_Only.pdf	Area_10	MSA and Make = Behemoth	Area_10	each MSA in Area_10	= Behemth	operation is used

			Opera	tion		
Report Name	Roll-Up	Drill-Down	Drill-Across	Drill-Thru	Slice	Dice
	Yes Rolled up by Minnesota	Yes we are drilling down to certain MN Cities in	Yes we are drilling across certain Minnesota Counties	Yes we are drilling thru MN Dealerships and	Yes we are slicing by Independent MN	
T01_M4_D3_By_City.pdf	Dealerships and Make = Behemoths	Minnesota Counties whose names start with B, P or S	whose names start with B, P or S	Customer living in ceratin MN counties	Dealerships and Behemoth Make	We are dicing when we group by certain MN cities

Report Name	Roll-Up	Drill-Down	Drill-Across	Operation Drill-Thru	Slice	Dice
T01 M4 D4 Query Number RRVs.pdf	Yes Rolled up by Minnesota Dealerships and Make = Behemoths	Yes we are drilling down to certain Minnesota Counties whose names start with B, P or S	Yes we are drilling across certain Minnesota Counties whose names start with B, P or S	Yes we are drilling thru MN Dealerships and Customer living in ceratin MN counties	Yes we are slicing by Independent MN Dealerships and Behemoth Make	We are dicing when we group by certain MN counties

	Operation						
Report Name	Roll-Up	Drill-Down	Drill-Across		Drill-Thru	Slice	Dice
	Data is rolled up to	We are drilling down to					
	month of December	the month of December				Yes data sliced by year	
T01_M4_D4_Query_Total_Sales.pdf	for year 2012	for year 2012	Not Used		Not Used	2012 and month December	r Not used

Report Name	Roll-Up	Drill-Down	Drill-Across	Operation	Drill-Thru	Slice	Dice
T01_M4_D4_Query_Average_Sales.p	Data is rolled up to month of December for year 2012	We are drilling down to the month of December for year 2012	Not Used		Not Used	Yes data sliced by year 2012 and month Decembe	r Not used