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Database Management

1.

	PRODUCT	SALES	YEAR
1	Colombian	65487	2013
2	Lemon	48970	2013
3	Caffe Mocha	43367	2013
4	Decaf Espresso	39922	2013
5	Chamomile	38609	2013

2.

I found budgeted sales equal to 100 or more, but I interpreted the 200% as two times the budget sales. I believe that if it were 300% it would have to be multiplied by three (X1 = same, X2 = 100% more, X3=200% more). But when I multiplied by three there were no answers, so I interpreted the question as twice as much.

	AREACODE	STATE	SALES	BUDGETSALES
1	562	California	302	140
2	702	Nevada	598	290
3	775	Nevada	478	230
4	971	Oregon	218	100

3.

For this question I found the total monthly sales for each month in the year of 2012. I then took the average of those months. The average of all of the months over the year was 33429.92. If I multiplied this number by three than no months would have been greater. So I only look at the months that had sales greater than the monthly average from the year 2012.

	SUM(SALES)	EXTRACT(MONTHFROMFACTORYDATE)
1	33692	5
2	35125	6
3	36161	7
4	36029	8

4.

	⚡ DIFFERENCE_SALES	⚡ AREACODE
1	815	971
2	663	970
3	471	959
4	500	951
5	377	918
6	337	904
7	392	860
8	349	857
9	314	815
10	319	805

5.

	⚡ PRODUCT	⚡ MARKET	⚡ MAX_SALES
1	Colombian	East	23205
2	Chamomile	Central	17885
3	Caffe Mocha	Central	17233
4	Earl Grey	Central	16079
5	Lemon	West	15803
6	Decaf Espresso	West	14957
7	Darjeeling	Central	14826
8	Decaf Irish Cream	Central	12802
9	Regular Espresso	East	11750
10	Caffe Latte	West	10008