

Second Challenge Answers

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2.1: What are the five customers that bought the most in USD?

	"Customer Names"	"USD Spent"
1	Medline	2248332.4000000004
2	Apotheca, Ltd	2112221.9
3	Pure Group	1962014.5999999996
4	OUR Ltd	1937827.5999999994
5	Trigen	1895188.8

2.2: What is the state the has sold the most in terms of units?

California

	"State"	"Units Sold"
1	California	7605
2	Texas	3717
3	Illinois	2828
4	Florida	2570
5	New York	1763

2.3: Which city in the state of Indiana have the biggest total of sales (units)?

Wayne

	"City Name"	"Units Sold"	"State"
1	Wayne	193	Indiana
2	Evansville	143	Indiana
3	South Bend	134	Indiana
4	Center	123	Indiana
5	Lawrence (Township)	120	Indiana

2.4: Which city has the biggest sales per capita (USD divided by city population)?

Columbia

	"City Name"	"USD Spent"	"USD Per Capita"
1	Columbia	658060.6000000001	5.751382376152995
2	Broken Arrow	490654.39999999997	4.604359862241115
3	Springfield	660016.9999999999	4.543459499051671
4	Warren	528147.5999999999	4.381418916358492
5	Rochester	628031.2000000002	4.18072008561875

2.5: What is the product that has sold more (units)?

Accessories

	"Product Name"	"Units Sold"
1	Accessories	956
2	Platters	896
3	Cocktail Glasses	879
4	Serveware	878
5	Rugs	855

2.6: What is the product that has sold more (units) in the city that has the largest amount of water area?

Festive in Corpus Christi

	"Product Name"	"City Name"	"Water Area"	"Units Sold"
1	Festive	Corpus Christi	852118618	13
2	Cookware	Corpus Christi	852118618	8
3	Accessories	Corpus Christi	852118618	7
4	Floor Lamps	Corpus Christi	852118618	7
5	Ornaments	Corpus Christi	852118618	7

2.7: What is the average delivery time (in days) in the region of Northeast?

Consider the delivery time as the time between the delivery date and the order date.

20.5 days

	"Region"	"Average Delivery Time (days)"
1	Midwest	20.906591008293322
2	South	20.380184331797235
3	West	20.819960861056753
4	Northeast	20.502083333333335

2.8: What is the seller who obtained the most total profit? To calculate the profit for a specific order, multiply the quantity sold by the difference between unit price and unit cost.

Todd Roberts

	"Sales Team"	"Total Profit"
1	Todd Roberts	282125.74400000006
2	Carl Nguyen	272056.91700000002
3	Roy Rice	271838.095
4	George Lewis	271055.334
5	Shawn Cook	270137.70200000005