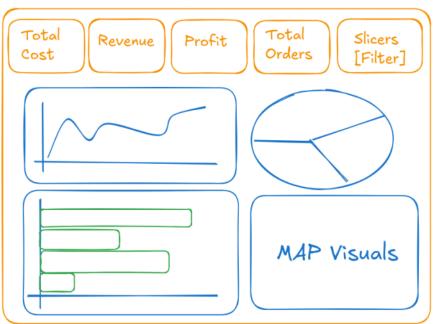
Data Analysis (Part-I)

© Learning Goals:

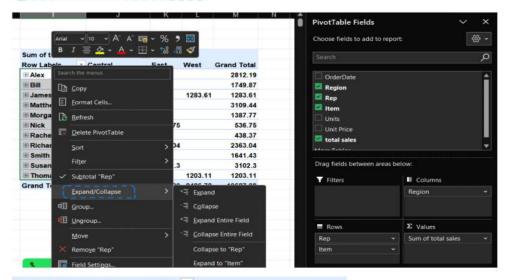
- · Learn pivot tables and their powerful data summarization capabilities.
- Explore advanced pivot table features like filters, grouping, slicers, and GETPIVOTDATA.
- Create charts and analyze data visually in Excel.
- Understand different types of charts and pivot charts in Excel
- · Learn how to create dashboards using pivot tables and charts
- · Get introduced to univariate analysis in data science

Dashboard



Rep	Richard 3		Rep	James 🟋	
Sum of total sales	Column Labels 🐣		Sum of total sales	Column Labels	
Row Labels	East	Grand Total	Row Labels	West	Grand Total
Binder	858.76	858.76	Binder	139.93	139.93
Pen	575.36	575.36	Desk	825	825
Pen Set	565.22	565.22	Pen	151.24	151.24
Pencil	363.7	363.7	Pencil	167.44	167.44
Grand Total	2363.04	2363.04	Grand Total	1283.61	1283.61

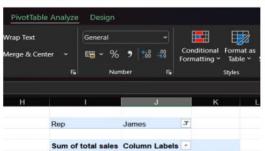
DRILL DOWN



Sum of total sa	ales	Column Labels	S			
Row Labels		Central		East	West	Grand Total
Alex		281	2.19			2812.19
⊞ Bill		174	9.87			1749.87
⊞ James					1283.61	1283.61
Matthew		310	9.44			3109.44
Morgan		138	7.77			1387.77
⊞ Nick				536.75		536.75
⊞ Rachel		43	B.37			438.37
⊞ Richard				2363.04		2363.04
Smith		164	1.43			1641.43
⊞ Susan				3102.3		3102.3
⊞ Thomas					1203.11	1203.11
Grand Total		1113	9.07	6002.09	2486.72	19627.88

Grand Total

139.93





	NOW Labers	AAGSI	nanu iotai
	Binder	139.93	139.93
	Desk	825	825
	Pen	151.24	151.24
	Pencil	167.44	167.44
	Grand Total	1283.61	1283.61
Alex	_abels (Count of Item 5	
Bill		5	
James	5	4	
Matthe	ew	4	
Morga	in	3	
Nick		2	

Row Labels West

Rachel Richard

Smith

Susan

Thomas

Grand Total

4

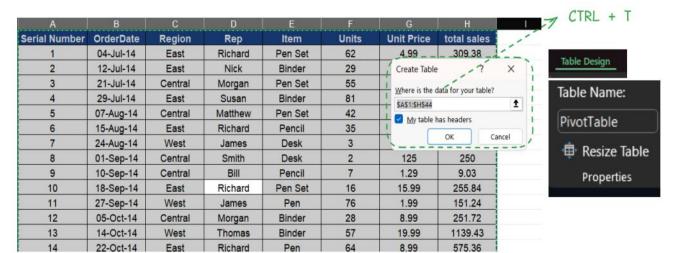
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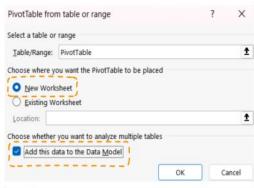
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3

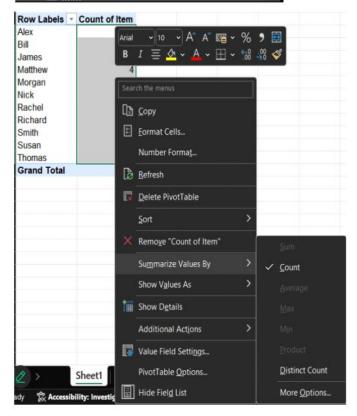
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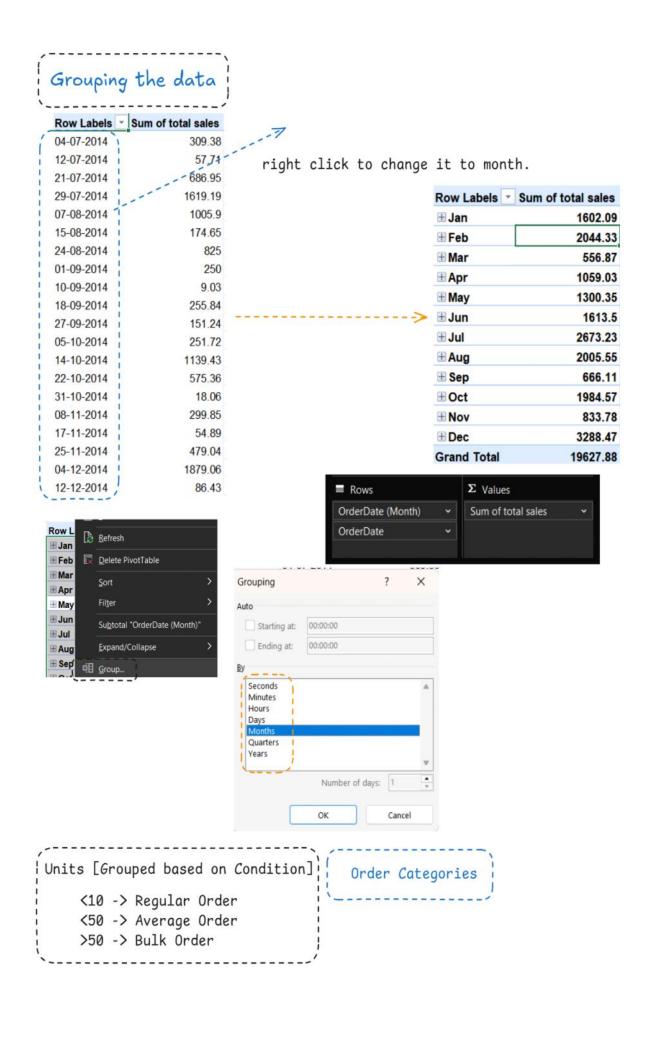
43

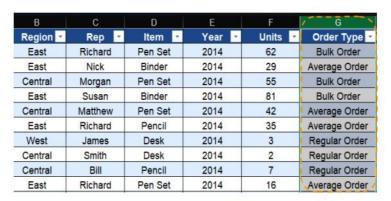


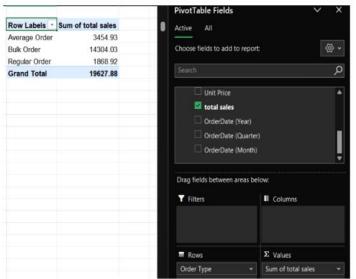










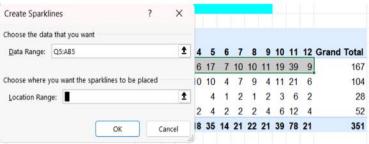


=IFS([@Units]<10,"Regular Order",[@Units]<50,"Average Order",[@Units]>=50,"Bulk Order")

SPARKLINE



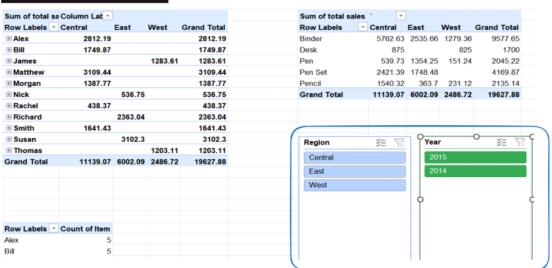


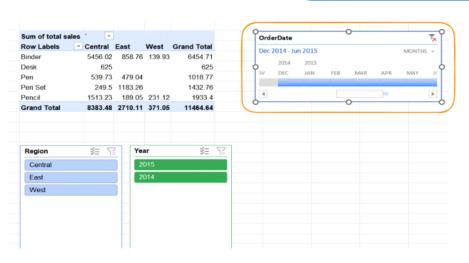


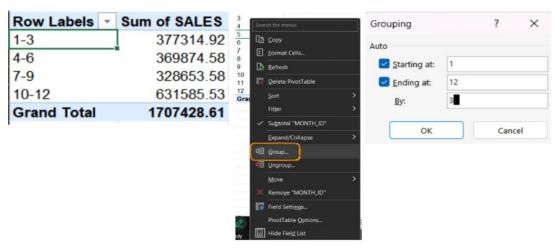
Order Qty	Ord€-				
ProductLine	· 1 2	3 4 5	5 6 7 8	9 10 11 12 Grand Total	
Classic Cars	14 13	12 6 17	7 7 10 10 1	1 19 39 9 167	
Motorcycles	6 12	4 10 10	0 4 7 9	4 11 21 6 104	
Trucks and Buses	2 2	3 4	4 1 2 1	2 3 6 2 28	
Vintage Cars	6 2	6 2 4	4 2 2 2	4 6 12 4 52	
Grand Total	28 29	25 18 35	5 14 21 22 2	1 39 78 21 351	

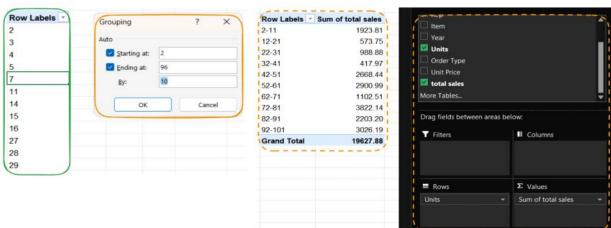
Order Qty	Order Month 🕞												
ProductLine -	1	2	3	4	5	6	7	8	9	10	11	12	Grand Total
Classic Cars	14	13	12	6	17	7	10	10	11	19	39	9	167
Motorcycles	6	12	4	10	10	4	7	9	4	11	21	6	104
Trucks and Buses	2	2	3		4	1	2	1	2	3	6	2	28
Vintage Cars	6	2	6	2	4	2	2	2	4	6	12	4	52
Grand Total	28	29	25	18	35	14	21	22	21	39	78	21	351





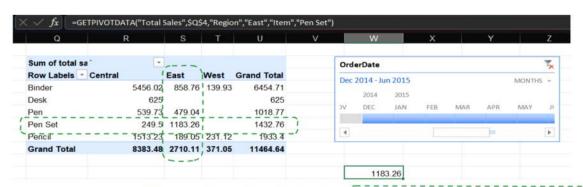








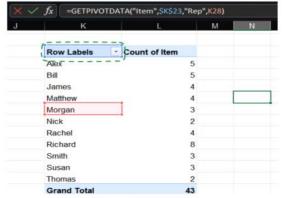




=GETPIVOTDATA("Total Sales", \$Q\$4, "Region", "East", "Item", "Pen Set")

=GETPIVOTDATA("Total Sales", \$Q\$4, "Region", (\$5); "Item", (Q9)





=GETPIVOTDATA("Item", \$K\$23, "Rep", K28)



