

I am doing Data Analysis on this data

DATE	NAME	PLACE	PRODUCT	VALUE
04-02-2020	RAJESH	GUNTUR	KEYBOARDS	4500
04-02-2020	GANESH	VIJAYAWADA	PENDRIVES	3000
06-02-2020	SANKER	ONGOLE	KEYBOARDS	4000
07-02-2020	PRASAD	PONNURU	MOUSE	12000
13-03-2020	RAVI	GUNTUR	MOUSE	7500
15-03-2020	SANKER	VIJAYAWADA	BLUETOOTH	6000
15-03-2020	SANKER	TENALI	BLUETOOTH	3500
24-03-2020	PRASAD	TENALI	KEYBOARDS	8000
03-04-2020	RAJESH	VIJAYAWADA	PENDRIVES	11500
14-04-2020	RAVI	PONNURU	EX HD	9700
22-04-2020	RAJESH	GUNTUR	EX HD	16500
08-05-2020	PRASAD	GUNTUR	MOUSE	4200
09-05-2020	SANKER	PONNURU	EX HD	7500
15-05-2020	RAJESH	TENALI	BLUETOOTH	3600
16-05-2020	SANKER	VIJAYAWADA	MOUSE	7000
29-05-2020	RAVI	PONNURU	PENDRIVES	6000
04-06-2020	PRASAD	VIJAYAWADA	EX HD	5500
18-06-2020	RAJESH	ONGOLE	PENDRIVES	11500
07-07-2020	SANKER	TENALI	MOUSE	4700
19-08-2020	RAJESH	ONGOLE	KEYBOARDS	6300
23-08-2020	RAVI	VIJAYAWADA	KEYBOARDS	18000
02-09-2020	RAVI	GUNTUR	PENDRIVES	3600
11-09-2020	GANESH	PONNURU	EX HD	4700
10-10-2020	RAJESH	TENALI	PENDRIVES	6600
15-10-2020	SANKER	VIJAYAWADA	MOUSE	5800
04-11-2020	GANESH	TENALI	BLUETOOTH	9000
12-11-2020	RAJESH	TENALI	KEYBOARDS	7700
24-11-2020	RAVI	ONGOLE	PENDRIVES	6100
09-12-2020	RAVI	GUNTUR	MOUSE	14500
04-01-2021	PRASAD	GUNTUR	MOUSE	15400
05-02-2021	PRASAD	PONNURU	KEYBOARDS	12500
14-02-2021	GANESH	GUNTUR	KEYBOARDS	10400

15-02-2021	SANKER	TENALI	EX HD	9400
06-03-2021	GANESH	VIJAYAWADA	PENDRIVES	5500
20-03-2021	RAVI	TENALI	PENDRIVES	6500

A PivotTable is an interactive way to quickly summarize large amounts of data.

The above table consists of data related to sales, where sales persons do the sales at repeated places with repeated products.

By using pivot table we can find

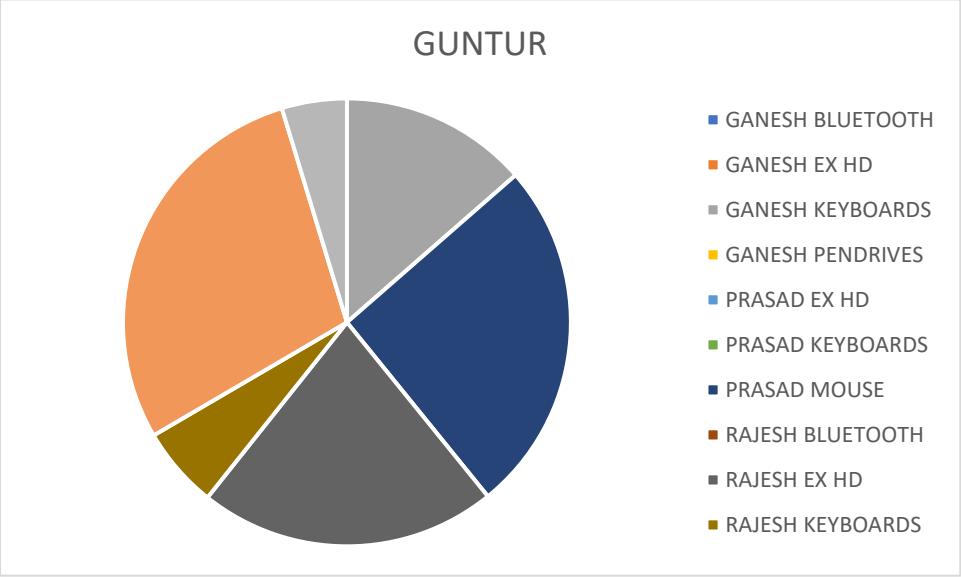
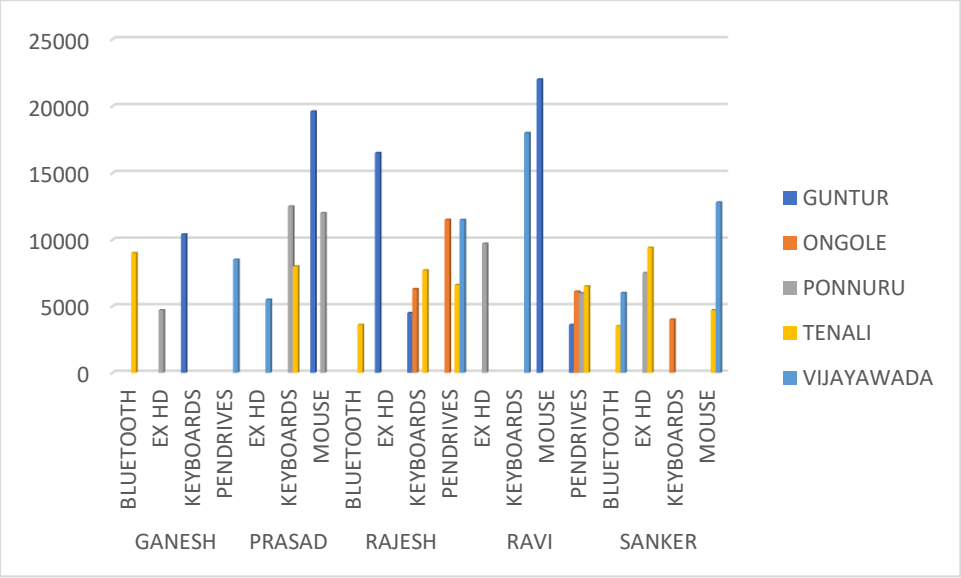
- 1.Each person Total value.
- 2.Each place Total value.
- 3.Each product Total value.
- 4.Each person each place Total value.
- 5.Each person each product Total value.

Each Person Total Value

Data analysis using pivot table

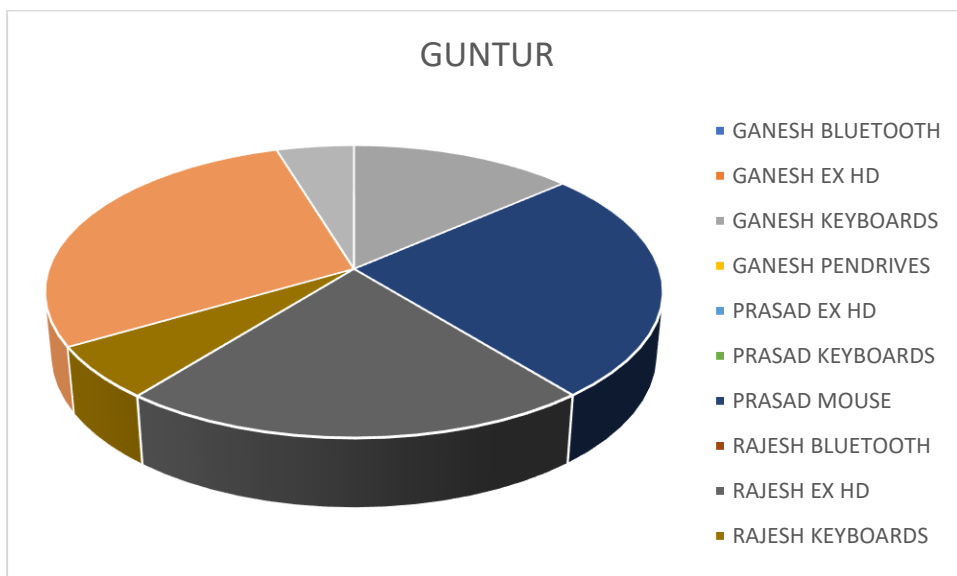
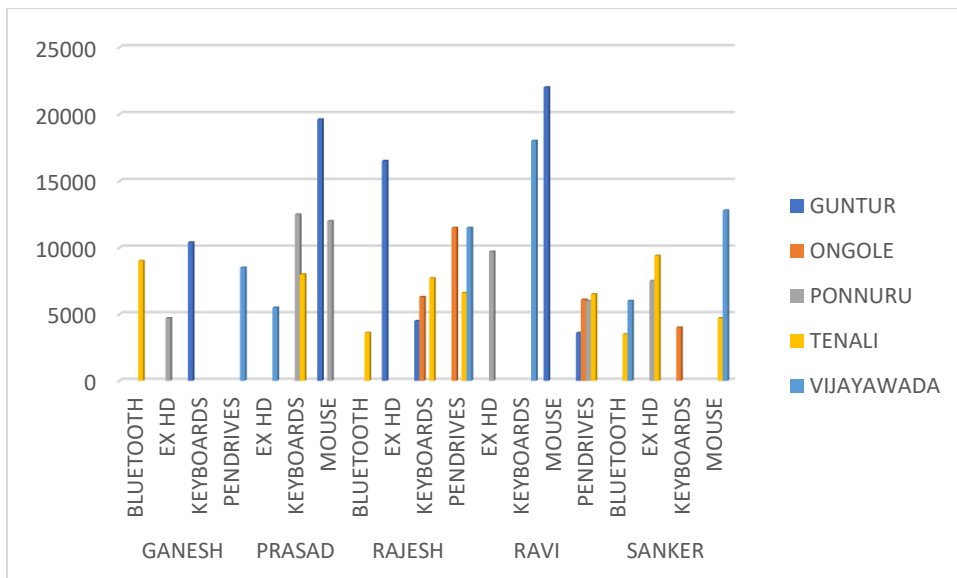
Row Labels	Sum of VALUE
GANESH	32600
PRASAD	57600
RAJESH	68200
RAVI	71900
SANKER	47900
Grand Total	278200

Data visualization of above table



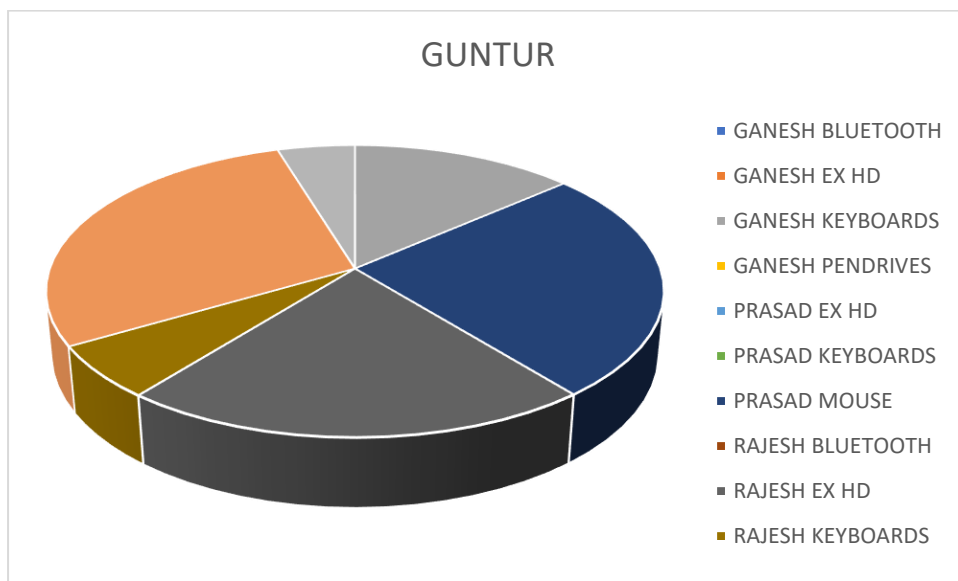
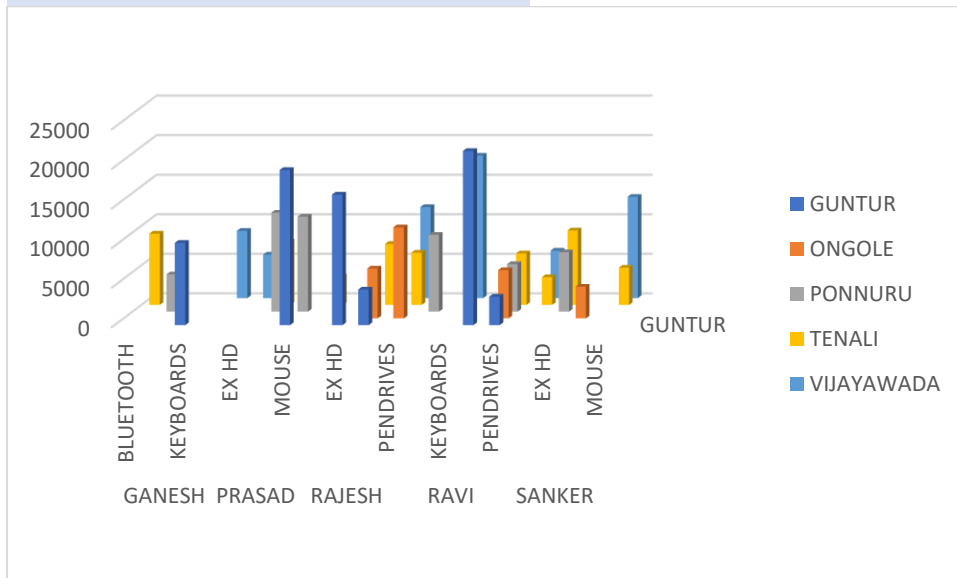
Each Place Total Value

Row Labels	Sum of VALUE
GUNTUR	76600
ONGOLE	27900
PONNURU	52400
TENALI	59000
VIJAYAWADA	62300
Grand Total	278200



Each Product Total Value

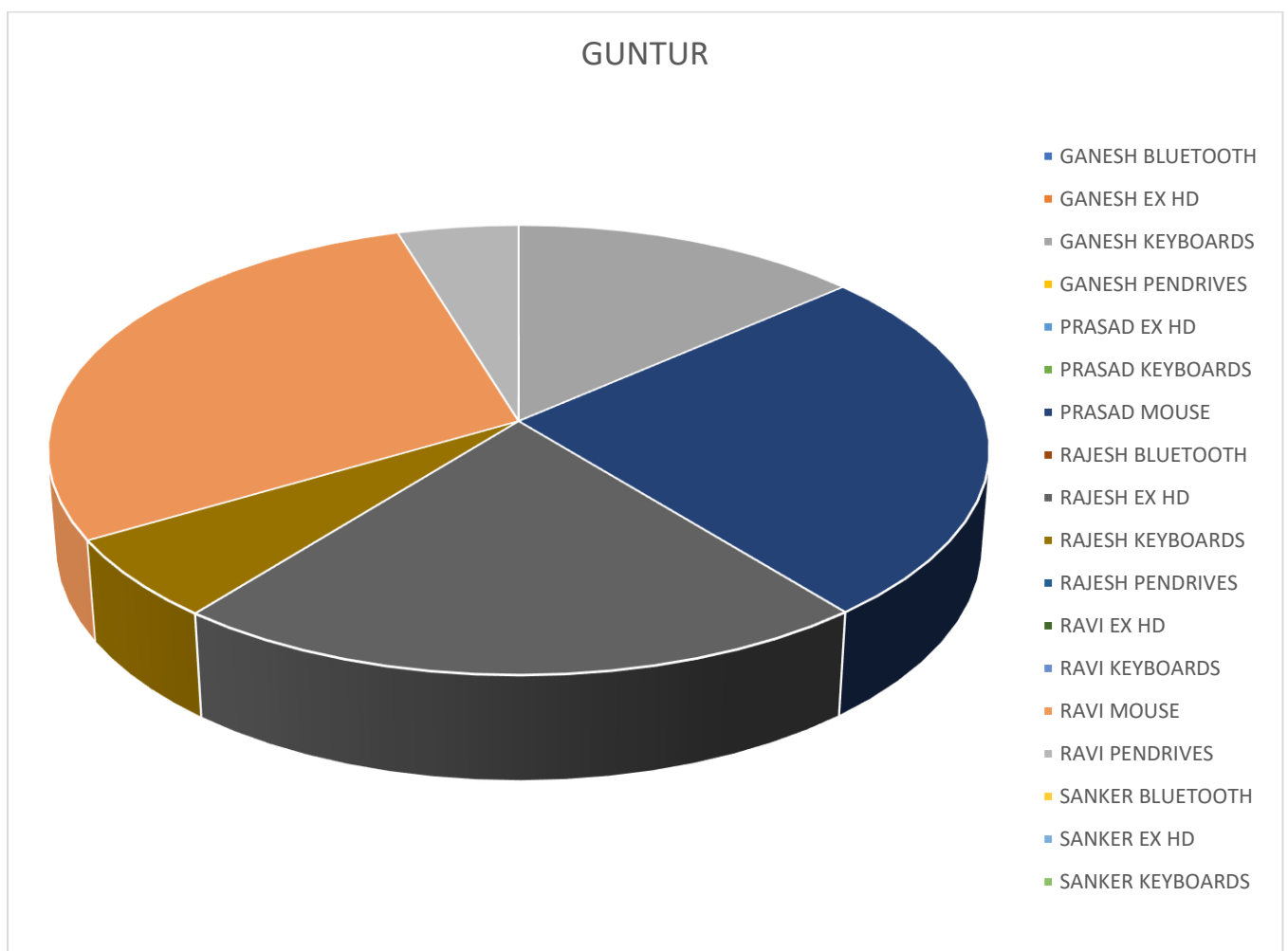
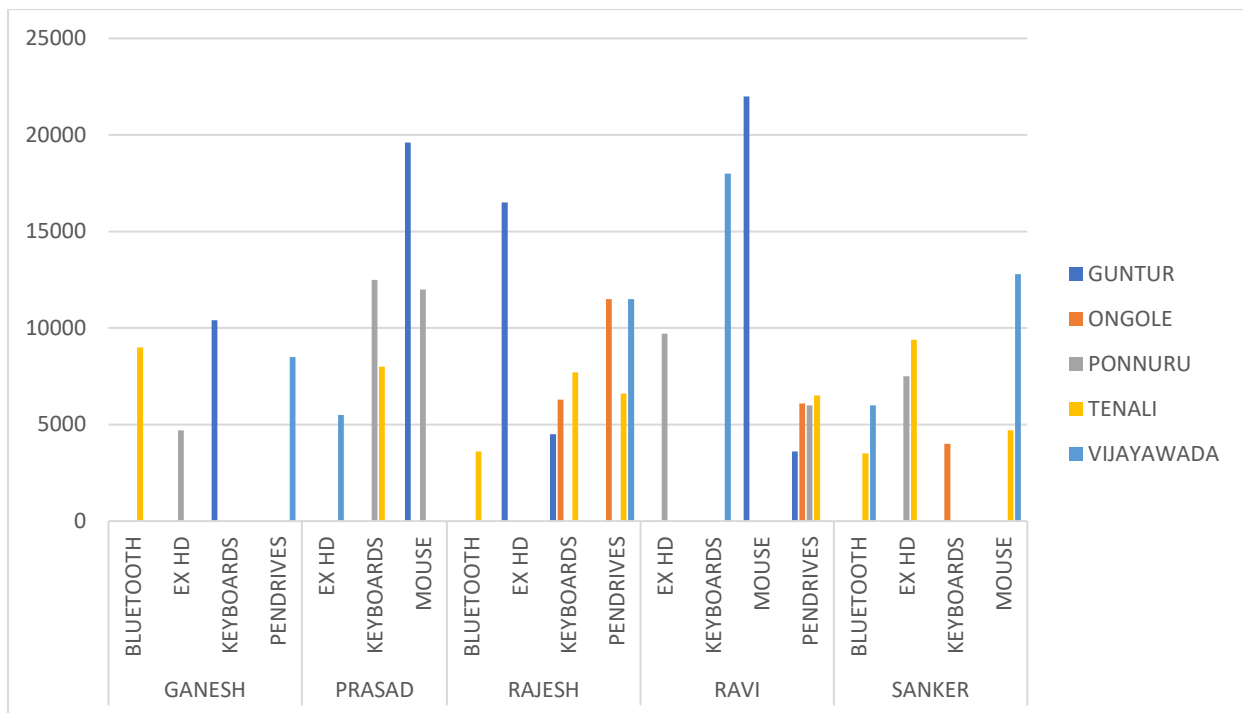
Row Labels	Sum of VALUE
BLUETOOTH	22100
EX HD	53300
KEYBOARDS	71400
MOUSE	71100
PENDRIVES	60300
Grand Total	278200



Each Person Each Product Total Value

Row Labels	Sum of VALUE	Row Labels	Sum of VALUE
GANESH	32600	GANESH	32600
BLUETOOTH	9000	BLUETOOTH	9000
EX HD	4700	EX HD	4700
KEYBOARDS	10400	KEYBOARDS	10400
PENDRIVES	8500	PENDRIVES	8500
PRASAD	57600	PRASAD	57600
EX HD	5500	EX HD	5500
KEYBOARDS	20500	KEYBOARDS	20500
MOUSE	31600	MOUSE	31600
RAJESH	68200	RAJESH	68200
BLUETOOTH	3600	BLUETOOTH	3600
EX HD	16500	EX HD	16500
KEYBOARDS	18500	KEYBOARDS	18500
PENDRIVES	29600	PENDRIVES	29600
RAVI	71900	RAVI	71900
EX HD	9700	EX HD	9700
KEYBOARDS	18000	KEYBOARDS	18000
MOUSE	22000	MOUSE	22000
PENDRIVES	22200	PENDRIVES	22200
SANKER	47900	SANKER	47900
BLUETOOTH	9500	BLUETOOTH	9500
EX HD	16900	EX HD	16900
KEYBOARDS	4000	KEYBOARDS	4000
MOUSE	17500	MOUSE	17500
Grand Total	278200	Grand Total	278200

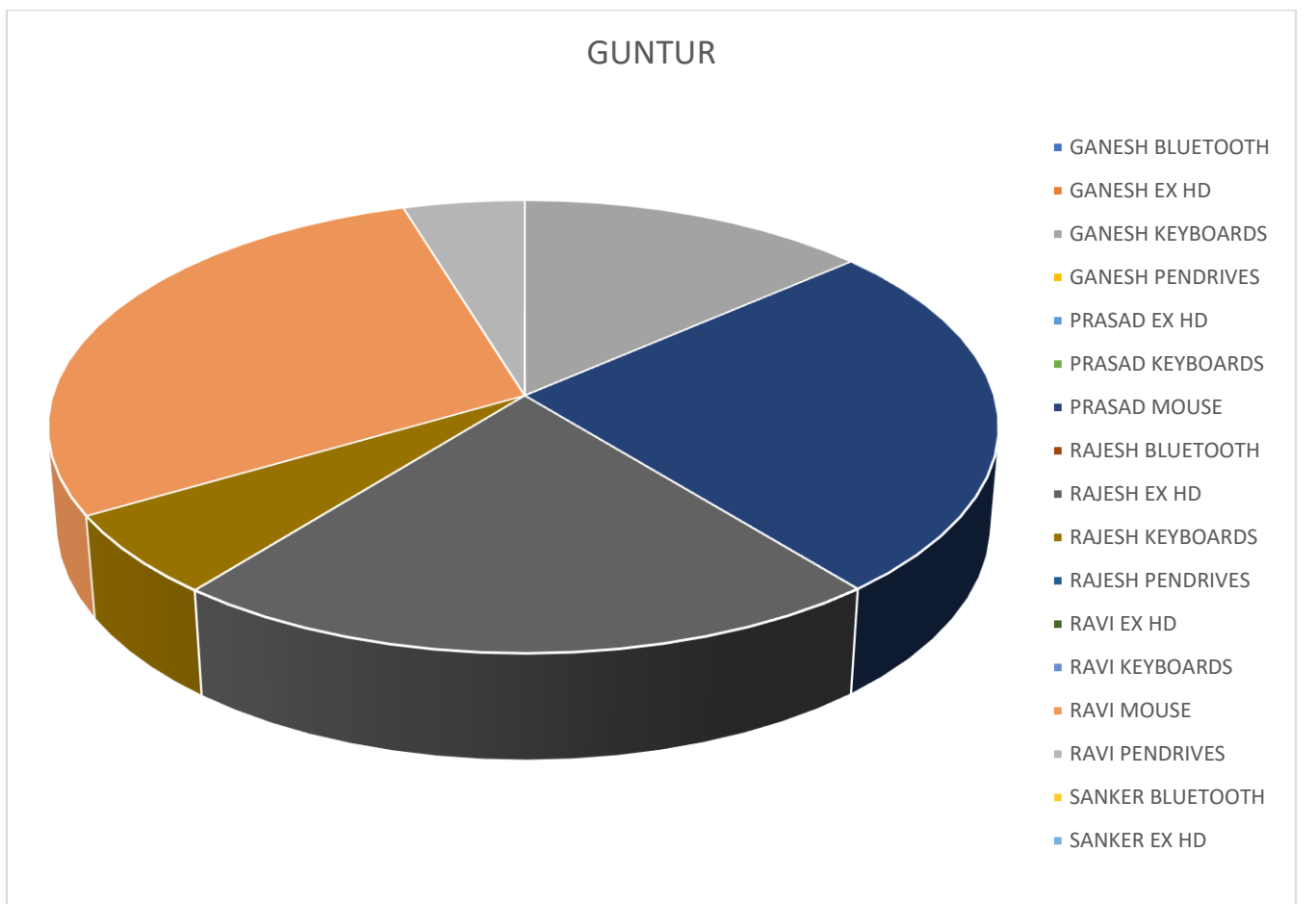
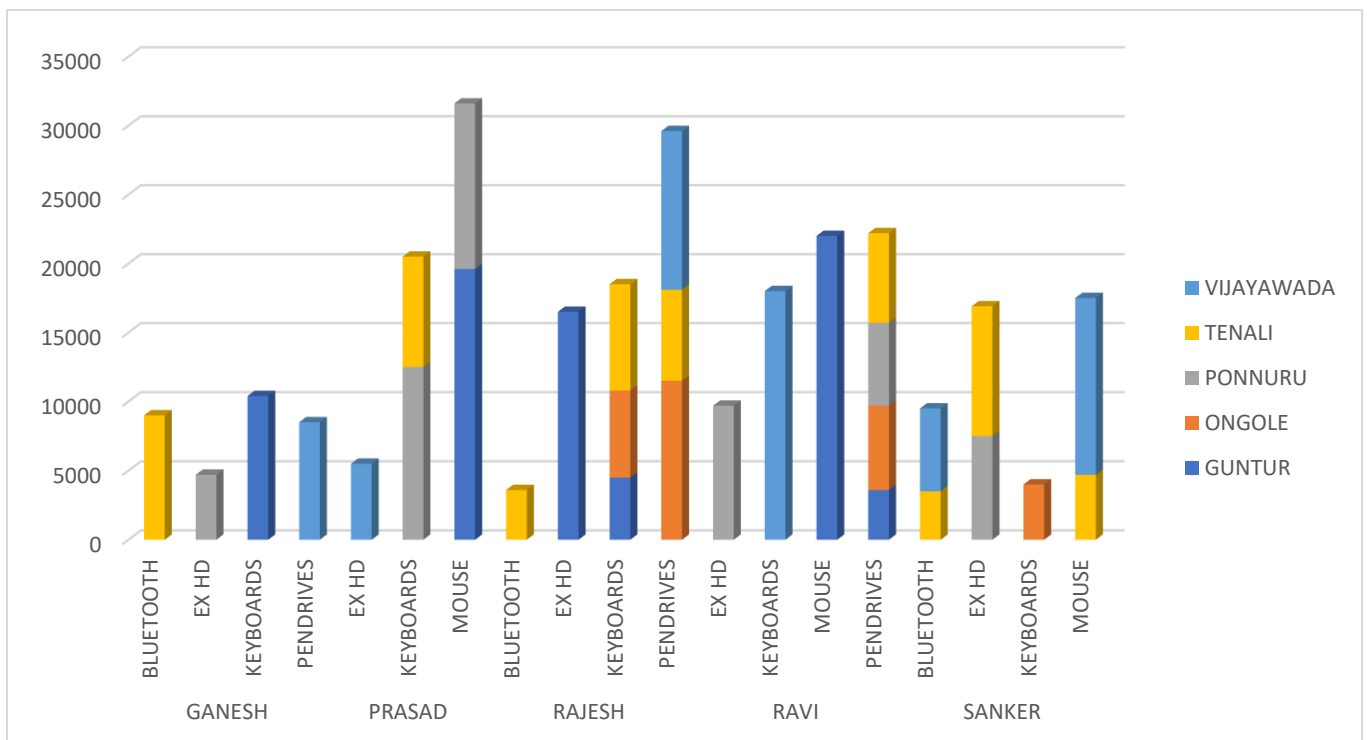
Conditional formatting



Each Person Each Place Total Value

Row Labels		Sum of VALUE	
[-] GANESH		32600	
GUNTUR		10400	
PONNURU		4700	
TENALI		9000	
VIJAYAWADA		8500	
[-] PRASAD		57600	
GUNTUR		19600	
PONNURU		24500	
TENALI		8000	
VIJAYAWADA		5500	
[-] RAJESH		68200	
GUNTUR		21000	
ONGOLE		17800	
TENALI		17900	
VIJAYAWADA		11500	
[-] RAVI		71900	
GUNTUR		25600	
ONGOLE		6100	
PONNURU		15700	
TENALI		6500	
VIJAYAWADA		18000	
[-] SANKER		47900	
ONGOLE		4000	
PONNURU		7500	
TENALI		17600	
VIJAYAWADA		18800	
Grand Total		278200	

Conditional Formatting



List of sales by Place: Guntur list

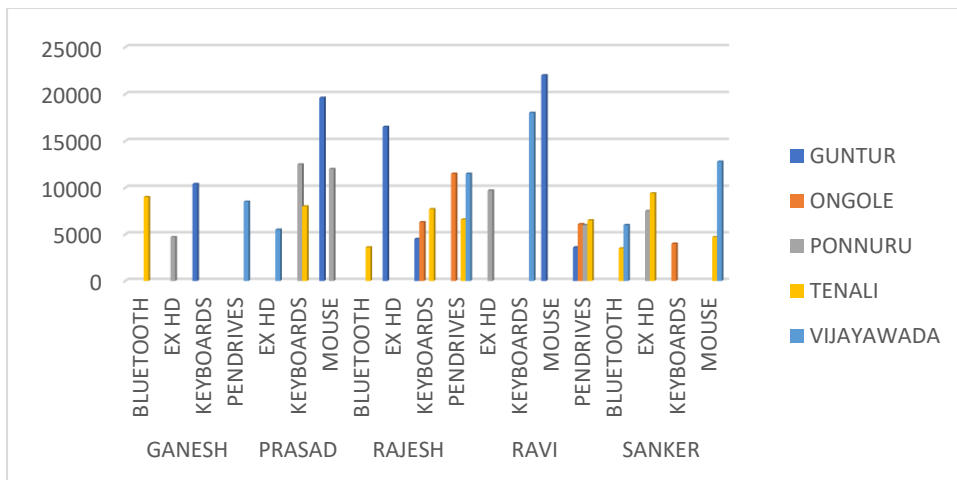
DATE	NAME	PLACE	PRODUCT	VALUE
04-02-2020	RAJESH	GUNTUR	KEYBOARDS	4500
14-02-2021	GANESH	GUNTUR	KEYBOARDS	10400
04-01-2021	PRASAD	GUNTUR	MOUSE	15400
09-12-2020	RAVI	GUNTUR	MOUSE	14500
13-03-2020	RAVI	GUNTUR	MOUSE	7500
02-09-2020	RAVI	GUNTUR	PENDRIVES	3600
08-05-2020	PRASAD	GUNTUR	MOUSE	4200
22-04-2020	RAJESH	GUNTUR	EX HD	16500
Total :				76600

Sales List by Item : Pen drive

DATE	NAME	PLACE	PRODUCT	VALUE
20-03-2021	RAVI	TENALI	PENDRIVES	6500
04-02-2020	GANESH	VIJAYAWADA	PENDRIVES	3000
06-03-2021	GANESH	VIJAYAWADA	PENDRIVES	5500
24-11-2020	RAVI	ONGOLE	PENDRIVES	6100
10-10-2020	RAJESH	TENALI	PENDRIVES	6600
02-09-2020	RAVI	GUNTUR	PENDRIVES	3600
18-06-2020	RAJESH	ONGOLE	PENDRIVES	11500
29-05-2020	RAVI	PONNURU	PENDRIVES	6000
03-04-2020	RAJESH	VIJAYAWADA	PENDRIVES	11500
Total				60300

Data of sales by year

Row Labels	Sum of VALUE
2020	218500
Qtr1	48500
Qtr2	83000
Qtr3	37300
Qtr4	49700
2021	59700
Qtr1	59700
Grand Total	278200



Showing sales percentage contribution by individual

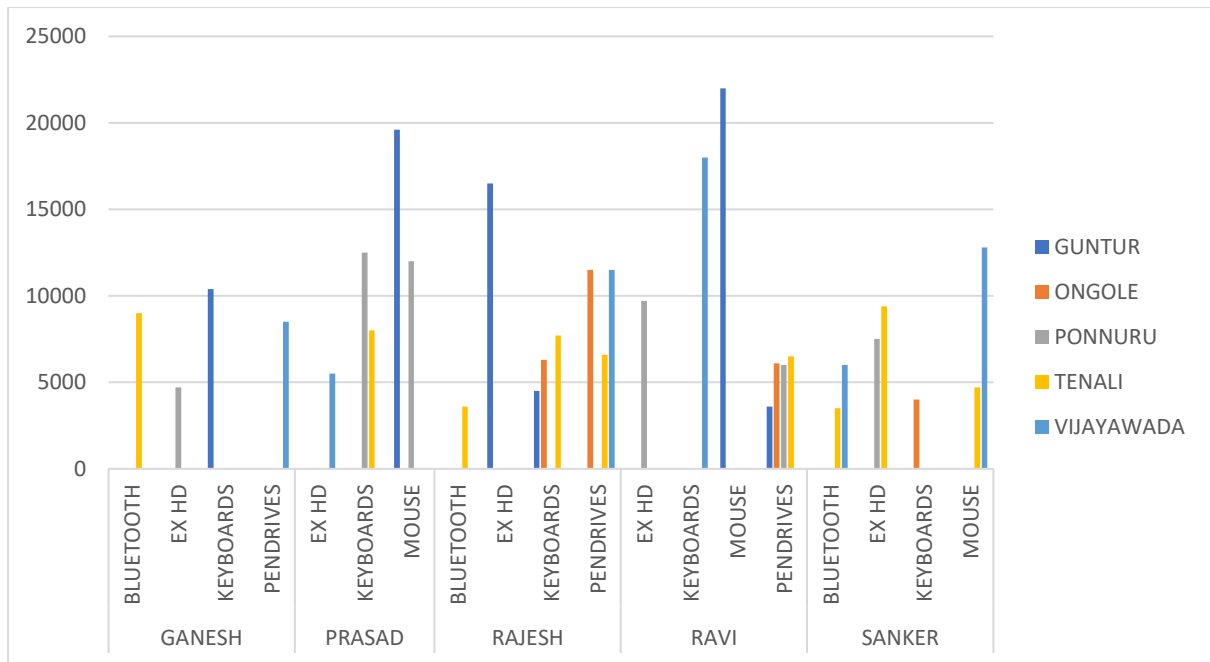
Row Labels <input type="text"/>	Sum of VALUE
GANESH	11.72%
PRASAD	20.70%
RAJESH	24.51%
RAVI	25.84%
SANKER	17.22%
Grand Total	100.00%

Sales by each Month

Row Labels	Sum of VALUE
2020	218500
Feb	23500
Mar	25000
Apr	37700
May	28300
Jun	17000
Jul	4700
Aug	24300
Sep	8300
Oct	12400
Nov	22800
Dec	14500
2021	59700
Jan	15400
Feb	32300
Mar	12000
Grand Total	278200

Data summary in a single table

Sum of VALUE	Column Labels <input type="button" value="v"/>					
Row Labels <input type="button" value="v"/>	GUNTUR	ONGOLE	PONNURU	TENALI	VIJAYAWADA	Grand Total
<input type="button" value="v"/> GANESH	10400		4700	9000	8500	32600
BLUETOOTH				9000		9000
EX HD			4700			4700
KEYBOARDS	10400					10400
PENDRIVES					8500	8500
<input type="button" value="v"/> PRASAD	19600		24500	8000	5500	57600
EX HD					5500	5500
KEYBOARDS			12500	8000		20500
MOUSE	19600		12000			31600
<input type="button" value="v"/> RAJESH	21000	17800		17900	11500	68200
BLUETOOTH				3600		3600
EX HD	16500					16500
KEYBOARDS	4500	6300		7700		18500
PENDRIVES		11500		6600	11500	29600
<input type="button" value="v"/> RAVI	25600	6100	15700	6500	18000	71900
EX HD			9700			9700
KEYBOARDS					18000	18000
MOUSE	22000					22000
PENDRIVES	3600	6100	6000	6500		22200
<input type="button" value="v"/> SANKER		4000	7500	17600	18800	47900
BLUETOOTH				3500	6000	9500
EX HD			7500	9400		16900
KEYBOARDS		4000				4000
MOUSE				4700	12800	17500
Grand Total	76600	27900	52400	59000	62300	278200



Data summary visualization

Conclusion:

With the help of Data analytics using pivot table, Conditional formatting, Graphs we can draw more meaningful Insights and make decision making very easily and accurately.

With regards,

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