Date	Region	Product	Sales	Quantity
1/1/2024	West	Mangoes	456	93
1/10/2024	South	Oranges	348	56
1/20/2024	South	Mangoes	247	76
1/29/2024	West	Apples	230	37
2/8/2024	West	Mangoes	281	50
2/17/2024	West	Oranges	334	52
2/27/2024	South	Apples	417	29
3/7/2024	West	Apples	441	44
3/17/2024	South	Mangoes	76	63
3/26/2024	West	Oranges	441	79
4/5/2024	South	Mangoes	205	23
4/14/2024	West	Oranges	483	97
4/24/2024	East	Mangoes	467	97
5/3/2024	West	Mangoes	380	92
5/13/2024	South	Oranges	497	71
5/22/2024	South	Mangoes	409	81
6/1/2024	West	Oranges	53	45
6/10/2024	West	Apples	398	33
6/20/2024	North	Oranges	347	35
6/30/2024	South	Apples	319	45

2. Create a PivotTable to show Total Sales by Region

Date	Region	Product	Sales	Quantity
1/1/2024	West	Mangoes	456	93
1/10/2024	South	Oranges	348	56
1/20/2024	South	Mangoes	247	76
1/29/2024	West	Apples	230	37
2/8/2024	West	Mangoes	281	50
2/17/2024	West	Oranges	334	52
2/27/2024	South	Apples	417	29
3/7/2024	West	Apples	441	44
3/17/2024	South	Mangoes	76	63
3/26/2024	West	Oranges	441	79
4/5/2024	South	Mangoes	205	23
4/14/2024	West	Oranges	483	97
4/24/2024	East	Mangoes	467	97
5/3/2024	West	Mangoes	380	92
5/13/2024	South	Oranges	497	71
5/22/2024	South	Mangoes	409	81
6/1/2024	West	Oranges	53	45
6/10/2024	West	Apples	398	33
6/20/2024	North	Oranges	347	35
6/30/2024	South	Apples	319	45

Row Labels	Sum of Sales
East	467
North	347
South	2518
West	3497
Grand Total	6829

3. Apply Conditional Formatting to highlight sales greater than 400
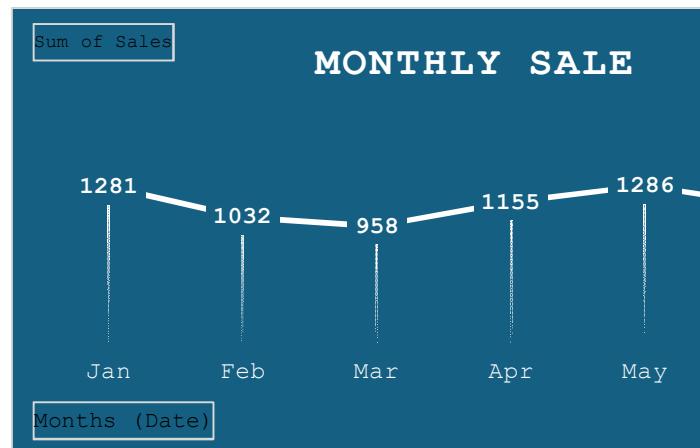
Date	Region	Product	Sales
1/1/2024	West	Mangoes	456
1/10/2024	South	Oranges	348
1/20/2024	South	Mangoes	247
1/29/2024	West	Apples	230
2/8/2024	West	Mangoes	281
2/17/2024	West	Oranges	334
2/27/2024	South	Apples	417
3/7/2024	West	Apples	441
3/17/2024	South	Mangoes	76
3/26/2024	West	Oranges	441
4/5/2024	South	Mangoes	205
4/14/2024	West	Oranges	483
4/24/2024	East	Mangoes	467
5/3/2024	West	Mangoes	380
5/13/2024	South	Oranges	497
5/22/2024	South	Mangoes	409
6/1/2024	West	Oranges	53
6/10/2024	West	Apples	398
6/20/2024	North	Oranges	347
6/30/2024	South	Apples	319
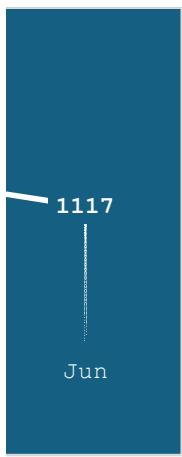
5. Create a PivotChart showing Monthly Sales Trend

Date	Product	Sales
1/1/2024	Mangoes	456
1/10/2024	Oranges	348
1/20/2024	Mangoes	247
1/29/2024	Apples	230
2/8/2024	Mangoes	281
2/17/2024	Oranges	334
2/27/2024	Apples	417
3/7/2024	Apples	441
3/17/2024	Mangoes	76
3/26/2024	Oranges	441
4/5/2024	Mangoes	205
4/14/2024	Oranges	483
4/24/2024	Mangoes	467
5/3/2024	Mangoes	380
5/13/2024	Oranges	497
5/22/2024	Mangoes	409
6/1/2024	Oranges	53
6/10/2024	Apples	398
6/20/2024	Oranges	347
6/30/2024	Apples	319

Row Labels	Sum of Sales
Jan	1281
Feb	1032
Mar	958
Apr	1155
May	1286
Jun	1117
Grand Total	6829

Monthly Sales PivotTable

1117

Jun
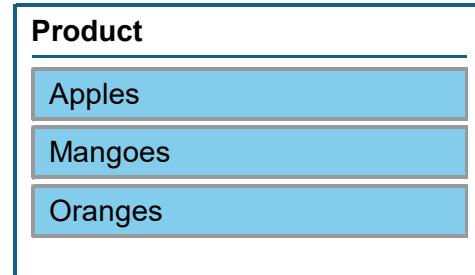
6. Use a Slicer to filter data by Product and observe changes in sales

Date	Product	Sales
1/1/2024	Mangoes	456
1/10/2024	Oranges	348
1/20/2024	Mangoes	247
1/29/2024	Apples	230
2/8/2024	Mangoes	281
2/17/2024	Oranges	334
2/27/2024	Apples	417
3/7/2024	Apples	441
3/17/2024	Mangoes	76
3/26/2024	Oranges	441
4/5/2024	Mangoes	205
4/14/2024	Oranges	483
4/24/2024	Mangoes	467
5/3/2024	Mangoes	380
5/13/2024	Oranges	497
5/22/2024	Mangoes	409
6/1/2024	Oranges	53
6/10/2024	Apples	398
6/20/2024	Oranges	347
6/30/2024	Apples	319

Row Labels	Sum of Sales
Apples	1805
Mangoes	2521
Oranges	2503
Grand Total	**6829**

**Product**

Apples

Mangoes

Oranges
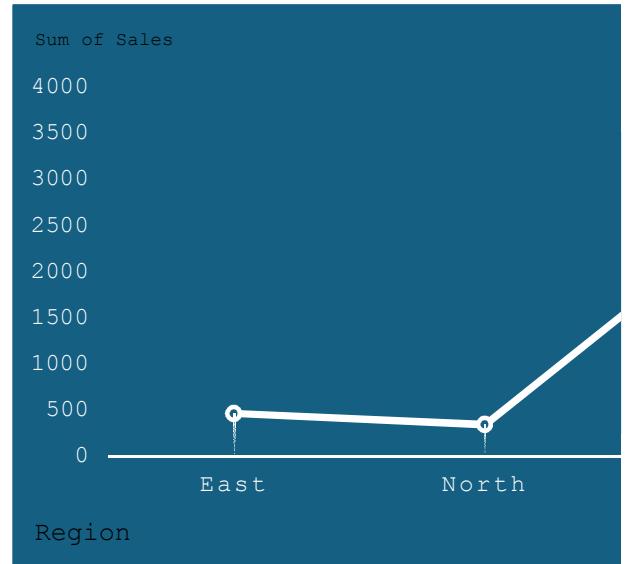
A **Slicer** is an interactive button-base
instantly updates connected PivotTa
Charts, allowing for quick, visual

d filter that
ables and
filtering.

Dashboard must be created to include a **Sales by Region PivotTable and Chart** for comparison, a **Product Filter S** performance over time

Row Labels	Sum of Sales
East	467
North	347
South	2518
West	3497
Grand Total	**6829**

Row Labels	Sum of Sales
Apples	1805
Mangoes	2521
Oranges	2503
Grand Total	**6829**

Row Labels	Sum of Sales
Jan	1281
Feb	1032
Mar	958
Apr	1155
May	1286
Jun	1117
Grand Total	**6829**

licer for interactive filtering, and a **Monthly Trend Line Chart** to visualize

South   West

TAL

1155   1286   1117

Apr   May   Jun

9.Group dates in the PivotTable into Months and calculate the average sales

Date	Region	Product	Sales	Quantity
1/1/2024	West	Mangoes	456	93
1/10/2024	South	Oranges	348	56
1/20/2024	South	Mangoes	247	76
1/29/2024	West	Apples	230	37
2/8/2024	West	Mangoes	281	50
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3/17/2024	South	Mangoes	76	63
3/26/2024	West	Oranges	441	79
4/5/2024	South	Mangoes	205	23
4/14/2024	West	Oranges	483	97
4/24/2024	East	Mangoes	467	97
5/3/2024	West	Mangoes	380	92
5/13/2024	South	Oranges	497	71
5/22/2024	South	Mangoes	409	81
6/1/2024	West	Oranges	53	45
6/10/2024	West	Apples	398	33
6/20/2024	North	Oranges	347	35
6/30/2024	South	Apples	319	45

per month.

Row Labels	Average of Sales
Jan	320.25
Feb	344.00
Mar	319.33
Apr	385.00
May	428.67
Jun	279.25
Grand Total	**341.45**

10. Combine Apples and Oranges into one group called Fruits and compare its sales wi products.

Date	Region	Product	Sales	Quantity
1/1/2024	West	Mangoes	456	93
1/10/2024	South	Oranges	348	56
1/20/2024	South	Mangoes	247	76
1/29/2024	West	Apples	230	37
2/8/2024	West	Mangoes	281	50
2/17/2024	West	Oranges	334	52
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3/17/2024	South	Mangoes	76	63
3/26/2024	West	Oranges	441	79
4/5/2024	South	Mangoes	205	23
4/14/2024	West	Oranges	483	97
4/24/2024	East	Mangoes	467	97
5/3/2024	West	Mangoes	380	92
5/13/2024	South	Oranges	497	71
5/22/2024	South	Mangoes	409	81
6/1/2024	West	Oranges	53	45
6/10/2024	West	Apples	398	33
6/20/2024	North	Oranges	347	35
6/30/2024	South	Apples	319	45

Row Labels
Fruits
Apples
Oranges
Mangoes
Grand Total

ith other

Sum of Sales
4308
1805
2503
2521
6829