Power BI - End To End Project - 3

Return Rate % = Total Return Qty / Quantity Sold

```
Return Rate % =
    DIVIDE(
        [Total Return Quantity],
        [Quantity Sold]
    )
```

2.17%
Return Rate %

ProductName	Return Rate %
Road-650 Red, 52	11.76%
Mountain-100 Silver, 44	8.33%
Touring-2000 Blue, 46	8.33%
Mountain-500 Black, 52	7.32%
Mountain-100 Black, 44	6.45%
Mountain-100 Black, 48	5.56%
Touring-3000 Blue, 54	5.56%
Road-650 Red, 48	5.33%
Mountain-500 Silver, 44	5.26%
Road-650 Red, 60	5.13%
Classic Vest, S	5.10%
Women's Mountain Shorts, L	5.09%
Touring-3000 Yellow, 44	5.08%
Road-150 Red, 44	5.04%

ALL

14K	429	3.08%
Bike Sold	Bike Returns	Bike Return Rate

```
Bike Sold =
    CALCULATE(
        [Quantity Sold],
        ProductCateogory[CategoryName] = "Bikes")
```

```
Bike Returns =
    CALCULATE(
        [Total Return Quantity],
        ProductCateogory[CategoryName] = "Bikes")
```

```
Bike Return Rate =
    CALCULATE(
        [Return Rate %],
        ProductCateogory[CategoryName] = "Bikes")
```

CategoryName	Total Orders
Accessories	16983
Bikes	13929
Clothing	6976
Total	**25164**

Bikes - 2
Clothings - 2
Accessories - 3

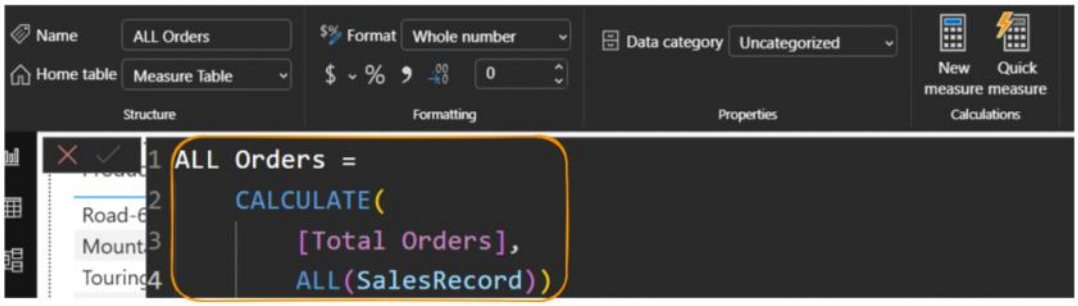
OrderDate	StockDate	OrderNumber	ProductKey	CustomerKey	TerritoryKey	OrderLineItem	OrderQuantity	Order Type
30-11-2016	06-09-2003	SO58845	235	20046	7	8	1	Regular Order
30-11-2016	04-11-2003	SO58845	215	20046	7	7	1	Regular Order
30-11-2016	27-08-2003	SO58845	477	20046	7	6	2	Bulk Order
30-11-2016	23-08-2003	SO58845	478	20046	7	5	2	Bulk Order
30-11-2016	12-08-2003	SO58845	485	20046	7	4	2	Bulk Order
30-11-2016	12-08-2003	SO58845	528	20046	7	3	2	Bulk Order
30-11-2016	02-09-2003	SO58845	535	20046	7	2	2	Bulk Order
30-11-2016	12-08-2003	SO58845	596	20046	7	1	1	Regular Order

```
1 CategoryName =
2     RELATED(
3         ProductCateogory[CategoryName])
```

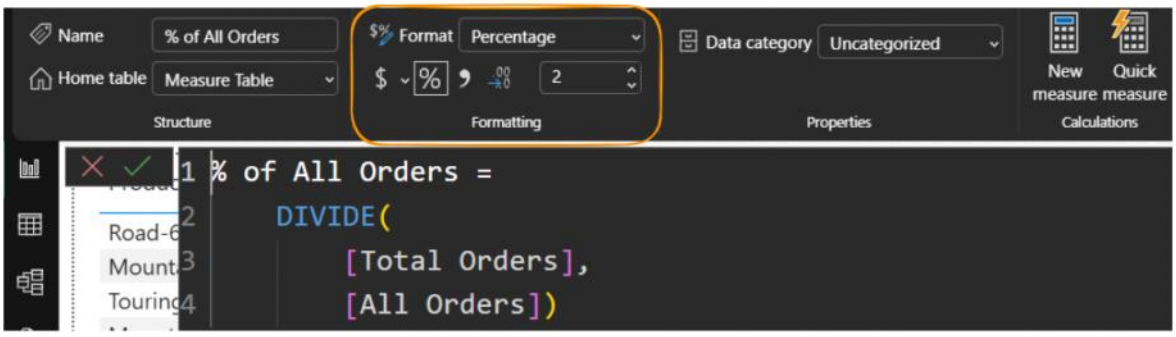
OrderDate	StockDate	OrderNumber	ProductKey	CustomerKey	TerritoryKey	OrderLineItem	OrderQuantity	Order Type	CategoryName
30-11-2016	06-09-2003	SO58845	235	20046	7	8	1	Regular Order	Clothing
30-11-2016	04-11-2003	SO58845	215	20046	7	7	1	Regular Order	Accessories
30-11-2016	27-08-2003	SO58845	477	20046	7	6	2	Bulk Order	Accessories
30-11-2016	23-08-2003	SO58845	478	20046	7	5	2	Bulk Order	Accessories
30-11-2016	12-08-2003	SO58845	485	20046	7	4	2	Bulk Order	Accessories
30-11-2016	12-08-2003	SO58845	528	20046	7	3	2	Bulk Order	Accessories
30-11-2016	02-09-2003	SO58845	535	20046	7	2	2	Bulk Order	Accessories
30-11-2016	12-08-2003	SO58845	596	20046	7	1	1	Regular Order	Bikes

```
ProductName =
    RELATED(
        Products[ProductName])
```

OrderDate	StockDate	OrderNumber	ProductKey	CustomerKey	TerritoryKey	OrderLineItem	OrderQuantity	Order Type	CategoryName	ProductName
30-11-2016	06-09-2003	SO58845	235	20046	7	8	1	Regular Order	Clothing	Long-Sleeve Logo Jersey, XL
30-11-2016	04-11-2003	SO58845	215	20046	7	7	1	Regular Order	Accessories	Sport-100 Helmet, Black
30-11-2016	27-08-2003	SO58845	477	20046	7	6	2	Bulk Order	Accessories	Water Bottle - 30 oz.
30-11-2016	23-08-2003	SO58845	478	20046	7	5	2	Bulk Order	Accessories	Mountain Bottle Cage
30-11-2016	12-08-2003	SO58845	485	20046	7	4	2	Bulk Order	Accessories	Fender Set - Mountain
30-11-2016	12-08-2003	SO58845	528	20046	7	3	2	Bulk Order	Accessories	Mountain Tire Tube
30-11-2016	02-09-2003	SO58845	535	20046	7	2	2	Bulk Order	Accessories	LL Mountain Tire
30-11-2016	12-08-2003	SO58845	596	20046	7	1	1	Regular Order	Bikes	Mountain-500 Black, 40



CategoryName	Total Orders	All Orders
Accessories	16983	25164
Bikes	13929	25164
Clothing	6976	25164
Components		25164
Total	**25164**	**25164**



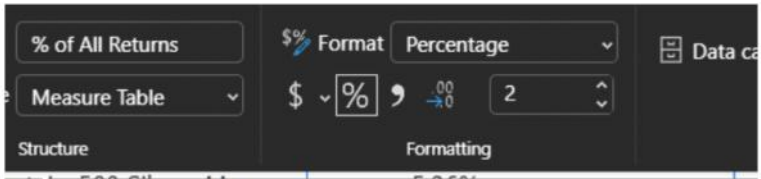
CategoryName	Total Orders	All Orders	% of All Orders
Accessories	16983	25164	67.49%
Bikes	13929	25164	55.35%
Clothing	6976	25164	27.72%
Components		25164	
Total	**25164**	**25164**	**100.00%**

Year	Quantity Sold	Total Revenue
2015	2630	$64,04,933.58
2016	36230	$93,24,203.79
2017	45314	$91,85,449.45
Total	**84174**	**$2,49,14,586.82**

```
All Returns =
    CALCULATE(
        [Total Return Quantity],
        ALL(Returns))
```

CategoryName	Total Return Quantity	All Returns
Accessories	1130	1828
Bikes	429	1828
Clothing	269	1828
Components		1828
Total	**1828**	**1828**

```
Total Return Quantity =
    SUM(Returns[ReturnQuantity])
```



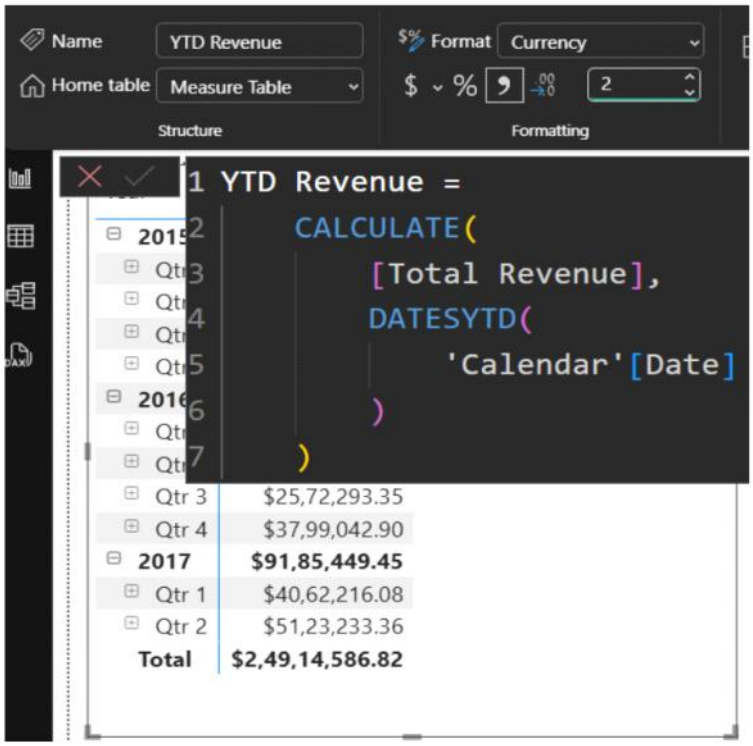

```
% of All Returns =
    DIVIDE(
        [Total Return Quantity],
        [All Returns])
```

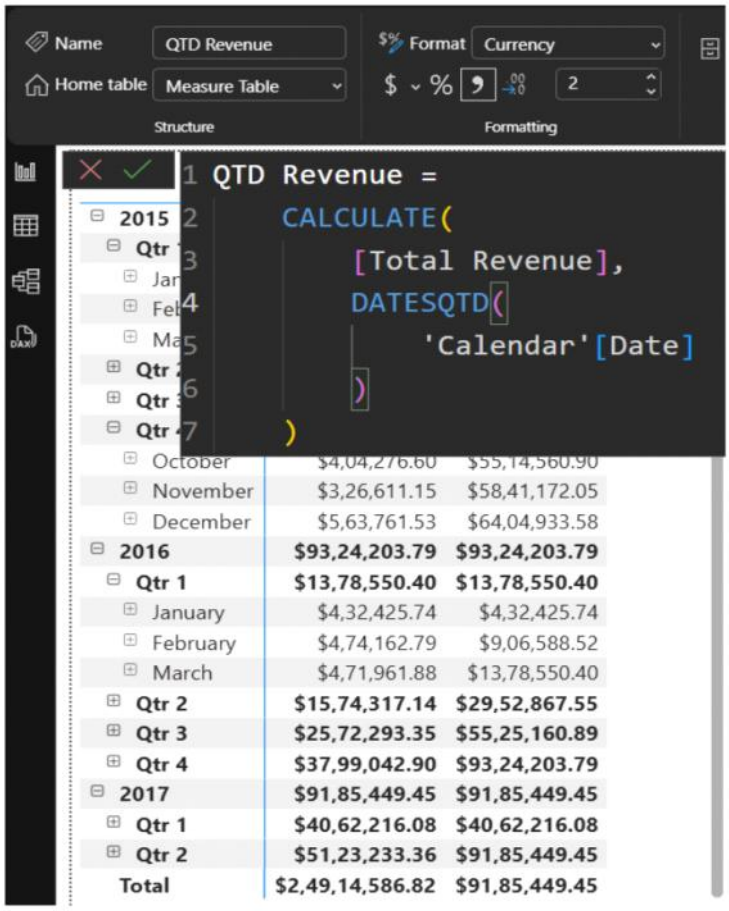
CategoryName	Total Return Quantity	All Returns	% of All Returns
Accessories	1130	1828	61.82%
Bikes	429	1828	23.47%
Clothing	269	1828	14.72%
Components		1828	
Total	**1828**	**1828**	**100.00%**

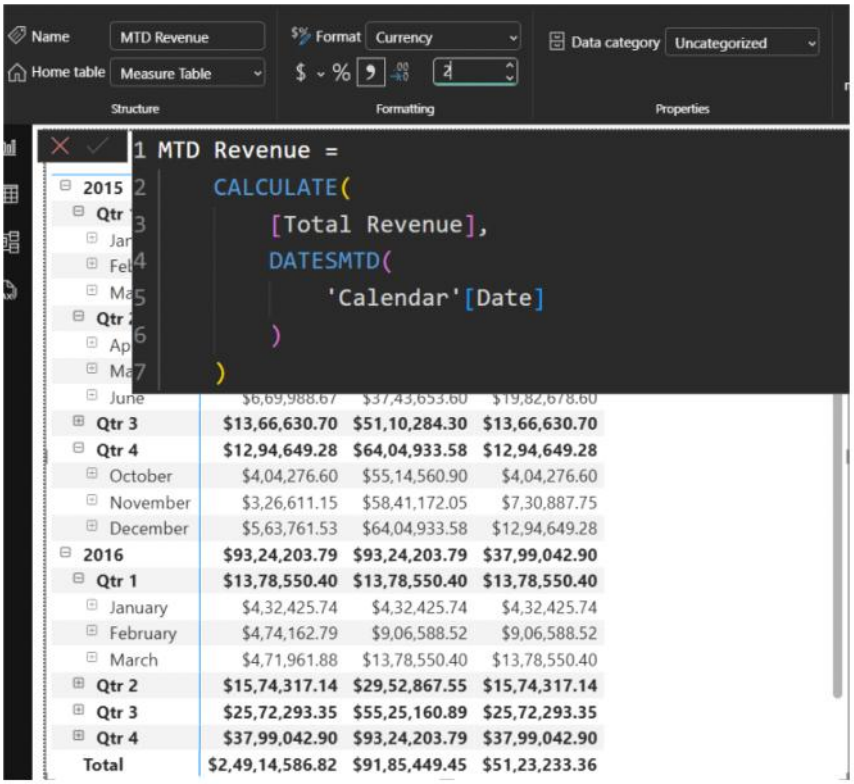
Time Intelligence

TOTAL_YTD , TOTAL_QTD , TOTAL_MTD ❌

DATES_YTD , DATES_QTD , DATES_MTD ✅





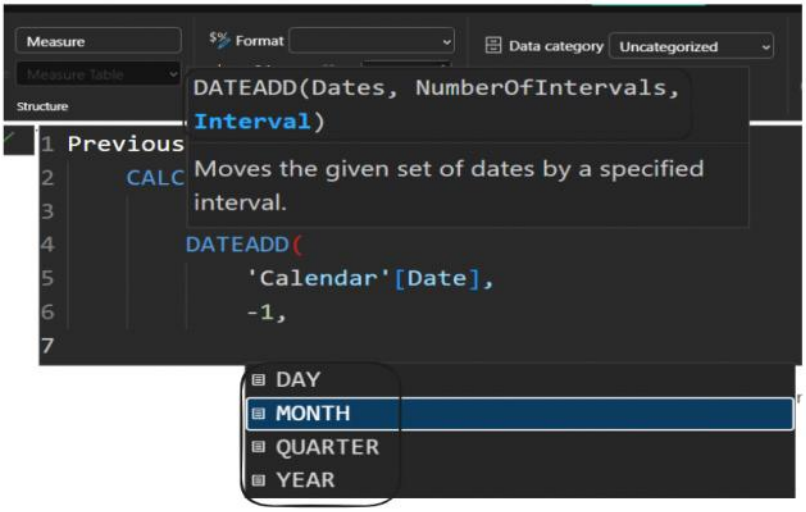


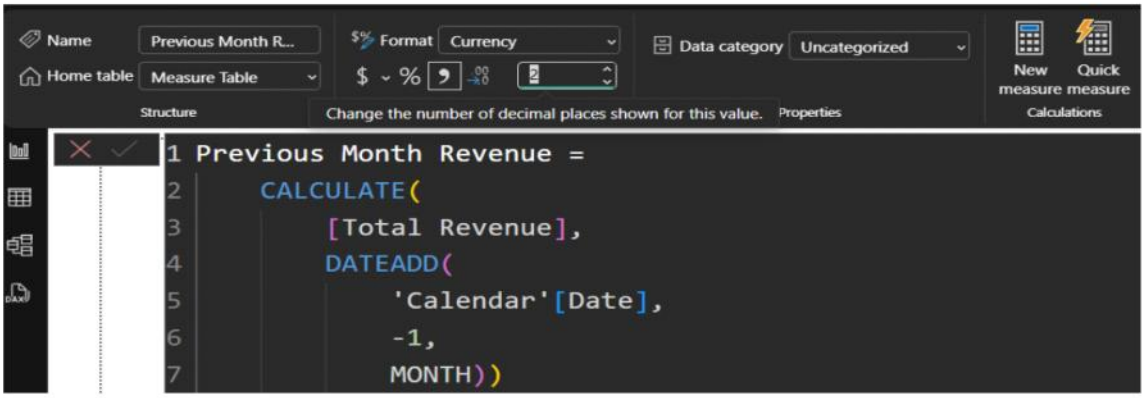
June	$6,69,988.67	$37,43,653.60	$19,82,678.60
Qtr 3	**$13,66,630.70**	**$51,10,284.30**	**$13,66,630.70**
Qtr 4	**$12,94,649.28**	**$64,04,933.58**	**$12,94,649.28**
October	$4,04,276.60	$55,14,560.90	$4,04,276.60
November	$3,26,611.15	$58,41,172.05	$7,30,887.75
December	$5,63,761.53	$64,04,933.58	$12,94,649.28
2016	**$93,24,203.79**	**$93,24,203.79**	**$37,99,042.90**
Qtr 1	**$13,78,550.40**	**$13,78,550.40**	**$13,78,550.40**
January	$4,32,425.74	$4,32,425.74	$4,32,425.74
February	$4,74,162.79	$9,06,588.52	$9,06,588.52
March	$4,71,961.88	$13,78,550.40	$13,78,550.40
Qtr 2	**$15,74,317.14**	**$29,52,867.55**	**$15,74,317.14**
Qtr 3	**$25,72,293.35**	**$55,25,160.89**	**$25,72,293.35**
Qtr 4	**$37,99,042.90**	**$93,24,203.79**	**$37,99,042.90**
Total	**$2,49,14,586.82**	**$91,85,449.45**	**$51,23,233.36**

Year	Total Revenue	YTD Revenue	QTD Revenue	MTD Revenue
2015	**$64,04,933.58**	**$64,04,933.58**	**$12,94,649.28**	**$5,63,761.53**
Qtr 1	**$17,60,975.00**	**$17,60,975.00**	**$17,60,975.00**	**$6,43,436.10**
January	$5,85,312.65	$5,85,312.65	$5,85,312.65	$5,85,312.65
February	$5,32,226.25	$11,17,538.89	$11,17,538.89	$5,32,226.25
March	$6,43,436.10	$17,60,975.00	$17,60,975.00	$6,43,436.10
Qtr 2	**$19,82,678.60**	**$37,43,653.60**	**$19,82,678.60**	**$6,69,988.67**
April	$6,53,364.04	$24,14,339.04	$6,53,364.04	$6,53,364.04
May	$6,59,325.90	$30,73,664.93	$13,12,689.93	$6,59,325.90
June	$6,69,988.67	$37,43,653.60	$19,82,678.60	$6,69,988.67
Qtr 3	**$13,66,630.70**	**$51,10,284.30**	**$13,66,630.70**	**$3,44,062.87**
Qtr 4	**$12,94,649.28**	**$64,04,933.58**	**$12,94,649.28**	**$5,63,761.53**
October	$4,04,276.60	$55,14,560.90	$4,04,276.60	$4,04,276.60
November	$3,26,611.15	$58,41,172.05	$7,30,887.75	$3,26,611.15
December	$5,63,761.53	$64,04,933.58	$12,94,649.28	$5,63,761.53
2016	**$93,24,203.79**	**$93,24,203.79**	**$37,99,042.90**	**$16,35,308.80**
Qtr 1	**$13,78,550.40**	**$13,78,550.40**	**$13,78,550.40**	**$4,71,961.88**
January	$4,32,425.74	$4,32,425.74	$4,32,425.74	$4,32,425.74
February	$4,74,162.79	$9,06,588.52	$9,06,588.52	$4,74,162.79
March	$4,71,961.88	$13,78,550.40	$13,78,550.40	$4,71,961.88
Qtr 2	**$15,74,317.14**	**$29,52,867.55**	**$15,74,317.14**	**$5,33,824.98**
Qtr 3	**$25,72,293.35**	**$55,25,160.89**	**$25,72,293.35**	**$9,52,743.49**
Qtr 4	**$37,99,042.90**	**$93,24,203.79**	**$37,99,042.90**	**$16,35,308.80**
Total	**$2,49,14,586.82**	**$91,85,449.45**	**$51,23,233.36**	**$18,26,987.14**

Previous Period → DateAdd()

Interval -> Year,Qtr,Month,Date

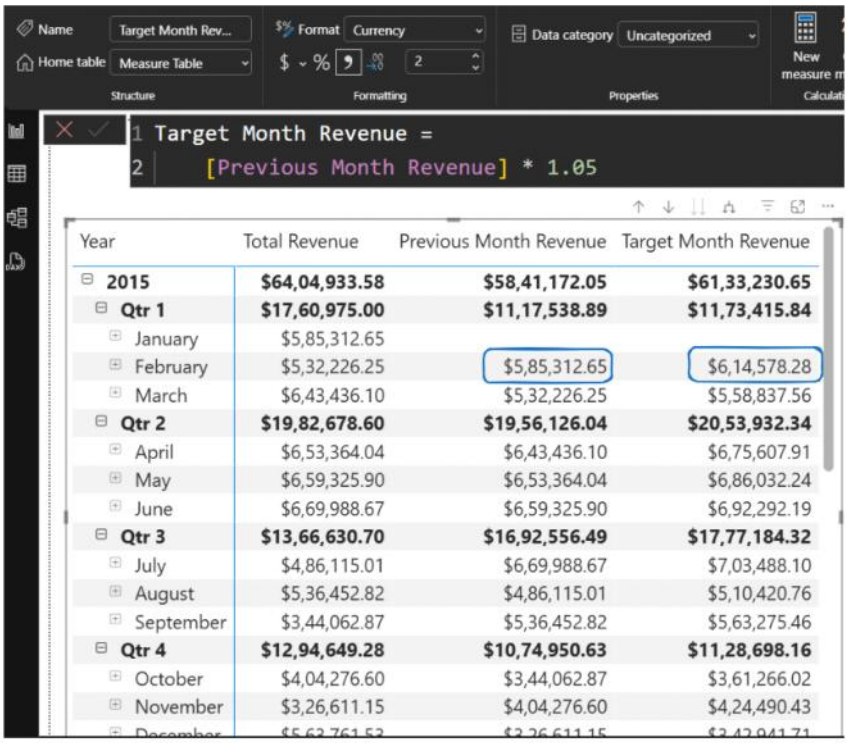




Year	Total Revenue	Previous Month Revenue
2015	**$64,04,933.58**	**$58,41,172.05**
Qtr 1	**$17,60,975.00**	**$11,17,538.89**
January	$5,85,312.65	
February	$5,32,226.25	$5,85,312.65
March	$6,43,436.10	$5,32,226.25
Qtr 2	**$19,82,678.60**	**$19,56,126.04**
April	$6,53,364.04	$6,43,436.10
May	$6,59,325.90	$6,53,364.04
June	$6,69,988.67	$6,59,325.90
Qtr 3	**$13,66,630.70**	**$16,92,556.49**
July	$4,86,115.01	$6,69,988.67
August	$5,36,452.82	$4,86,115.01
September	$3,44,062.87	$5,36,452.82
Qtr 4	**$12,94,649.28**	**$10,74,950.63**
October	$4,04,276.60	$3,44,062.87
November	$3,26,611.15	$4,04,276.60
December	$5,63,761.53	$3,26,611.15
2016	**$93,24,203.79**	**$82,52,656.52**
Total	**$2,49,14,586.82**	**$2,30,87,599.68**

1[100%] + 5% = 1.05

1[100%] + 10% = 1.1



Year	Total Revenue	Previous Month Revenue	Target Month Revenue
2015	**$64,04,933.58**	**$58,41,172.05**	**$61,33,230.65**
Qtr 1	**$17,60,975.00**	**$11,17,538.89**	**$11,73,415.84**
January	$5,85,312.65		
February	$5,32,226.25	$5,85,312.65	$6,14,578.28
March	$6,43,436.10	$5,32,226.25	$5,58,837.56
Qtr 2	**$19,82,678.60**	**$19,56,126.04**	**$20,53,932.34**
April	$6,53,364.04	$6,43,436.10	$6,75,607.91
May	$6,59,325.90	$6,53,364.04	$6,86,032.24
June	$6,69,988.67	$6,59,325.90	$6,92,292.19
Qtr 3	**$13,66,630.70**	**$16,92,556.49**	**$17,77,184.32**
July	$4,86,115.01	$6,69,988.67	$7,03,488.10
August	$5,36,452.82	$4,86,115.01	$5,10,420.76
September	$3,44,062.87	$5,36,452.82	$5,63,275.46
Qtr 4	**$12,94,649.28**	**$10,74,950.63**	**$11,28,698.16**
October	$4,04,276.60	$3,44,062.87	$3,61,266.02
November	$3,26,611.15	$4,04,276.60	$4,24,490.43

Running Total -> Dates In Period , DatesBetween

2015 , 2016 , 2017

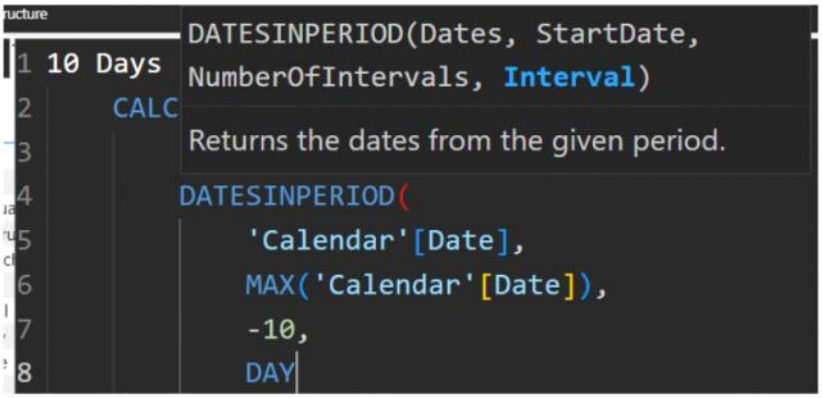
Qtr1 Qtr2 Qtr3 Qtr4

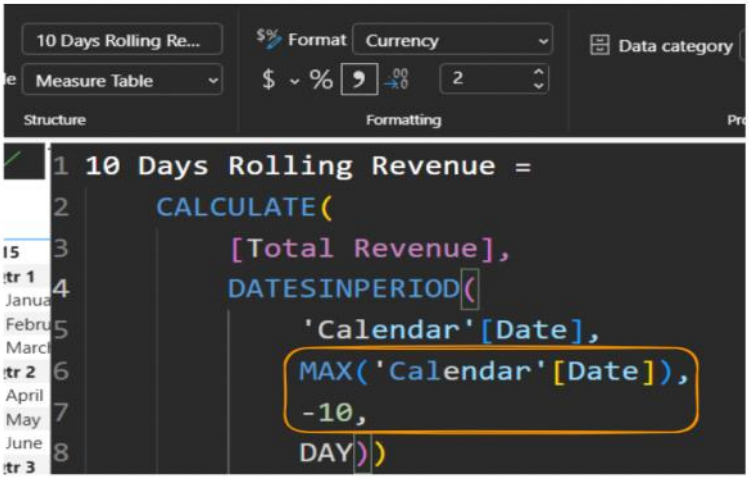
'Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sept', 'Oct', 'Nov', 'Dec'

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Window Size = [1Month]

10 days - Rolling Revenue

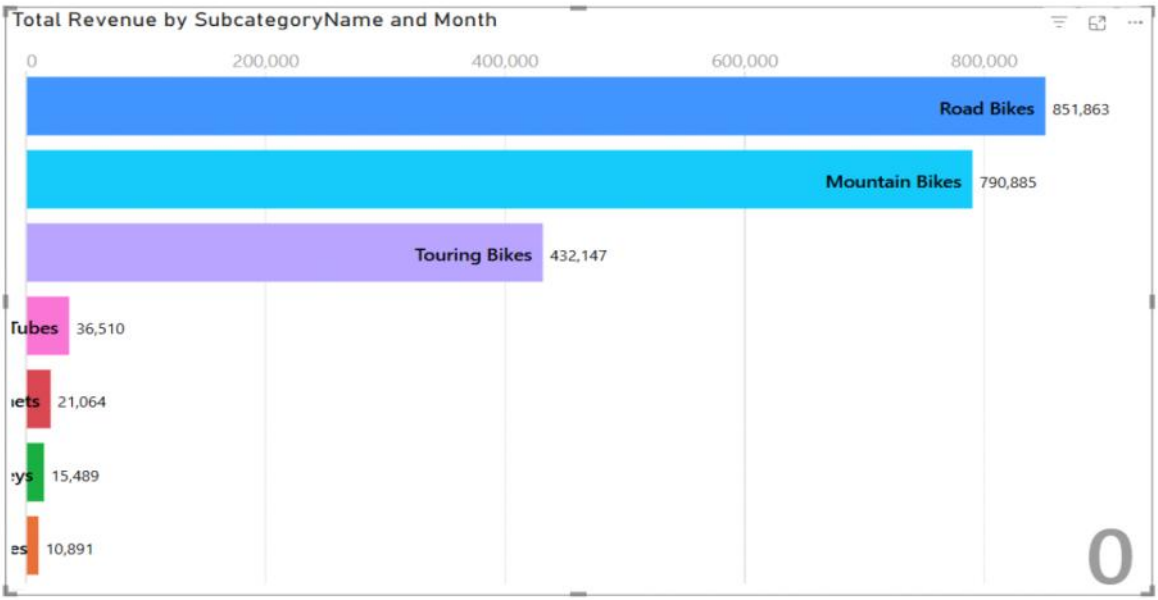


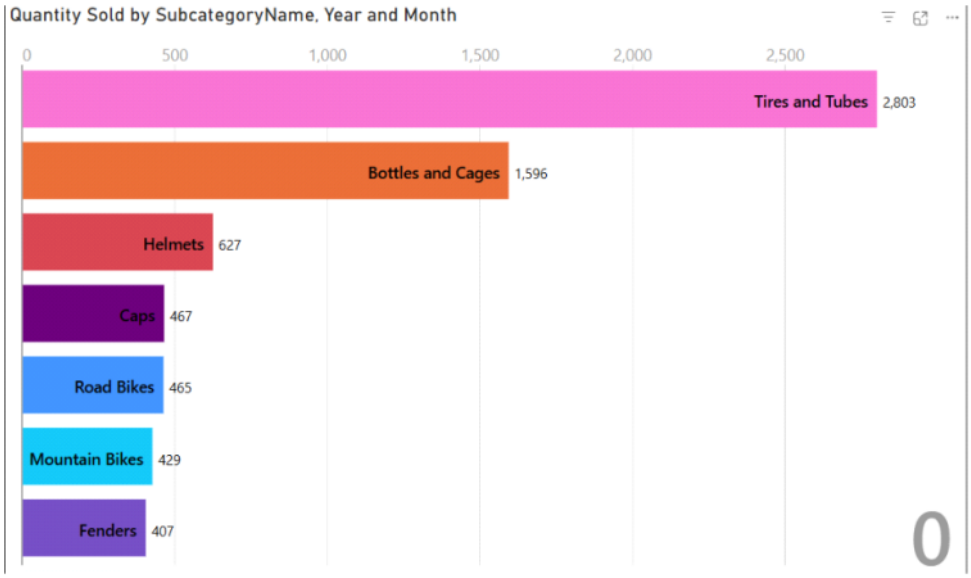


Date
01-01-2015
02-01-2015
03-01-2015
04-01-2015
05-01-2015
06-01-2015
07-01-2015
08-01-2015
09-01-2015
10-01-2015
11-01-2015
12-01-2015
13-01-2015
14-01-2015
15-01-2015
16-01-2015
17-01-2015
18-01-2015
19-01-2015
20-01-2015
21-01-2015
22-01-2015
23-01-2015
24-01-2015
25-01-2015
26-01-2015
27-01-2015

Year	Total Revenue	10 Days Rolling Revenue
2015	**$64,04,933.58**	**$1,74,027.44**
Qtr 1	**$17,60,975.00**	**$2,13,755.04**
January	**$5,85,312.65**	**$1,77,360.96**
1	$8,351.46	$8,351.46
2	$14,313.08	$22,664.54
3	$28,041.32	$50,705.86
4	$17,713.07	$68,418.93
5	$7,855.64	$76,274.56
6	$21,266.34	$97,540.90
7	$8,554.74	$1,06,095.64
8	$25,365.43	$1,31,461.07
9	$14,313.08	$1,45,774.15
10	$14,109.80	$1,59,883.95
11	$31,619.59	$1,83,152.08
12	$25,047.89	$1,93,886.89
13	$7,855.64	$1,73,701.21
14	$31,669.59	$1,87,657.73
15	$21,380.60	$2,01,182.69
Total	**$2,49,14,586.82**	**$6,16,273.84**

90 Days-Rolling Profit [Home Work]




Quantity Sold by SubcategoryName, Year and Month
0
500
1,000
1,500
2,000
2,500
Tires and Tubes
2,803
Bottles and Cages
1,596
Helmets
627
Caps
467
Road Bikes
465
Mountain Bikes
429
Fenders
407
0