

case study 1: summarize num of trans,return rate, unique product for each store

Values				
Store Name	total quantity	num of transaction	returned products	return rate
Store 28	421.00	33.00	77.00	18.29%
Store 13	491.00	38.00	86.00	17.52%
Store 19	707.00	57.00	89.00	12.59%
Store 6	607.00	49.00	71.00	11.70%
Store 26	871.00	69.00	84.00	9.64%
Store 9	1002.00	77.00	80.00	7.98%
Store 11	1205.00	94.00	89.00	7.39%
Store 24	1089.00	84.00	77.00	7.07%
Store 10	954.00	72.00	67.00	7.02%
Store 27	1069.00	85.00	73.00	6.83%
Store 22	1639.00	126.00	107.00	6.53%
Store 21	1041.00	81.00	66.00	6.34%
Store 8	1108.00	88.00	68.00	6.14%
Store 23	1115.00	87.00	68.00	6.10%
Store 12	1269.00	101.00	74.00	5.83%
Store 15	1209.00	92.00	70.00	5.79%
Store 3	1794.00	131.00	102.00	5.69%
Store 18	1620.00	130.00	90.00	5.56%
Store 16	1633.00	123.00	90.00	5.51%
Store 14	1601.00	125.00	84.00	5.25%
Store 5	1407.00	105.00	67.00	4.76%
Store 20	2069.00	154.00	98.00	4.74%
Store 2	1977.00	156.00	89.00	4.50%
Store 25	1482.00	116.00	63.00	4.25%
Store 17	1630.00	122.00	59.00	3.62%
Store 1	2239.00	169.00	61.00	2.72%
Store 7	4602.00	357.00	118.00	2.56%
Store 4	4596.00	353.00	87.00	1.89%
<b>Grand Total</b>	<b>42447.00</b>	<b>3274.00</b>	<b>2254.00</b>	<b>5.31%</b>

case study 2: show total quantity of priority product that were returned

priority product:

- electronic product
- price of product more than 500
- product is returnable

priority
No
Yes

Values				
Store Name	total quantity	num of transaction	returned products	return rate
Store 28	421.00	33.00	77.00	18.29%
Store 13	491.00	38.00	86.00	17.52%
Store 19	707.00	57.00	89.00	12.59%
Store 6	607.00	49.00	71.00	11.70%
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Store 25	1482.00	116.00	63.00	4.25%
Store 17	1630.00	122.00	59.00	3.62%
Store 1	2239.00	169.00	61.00	2.72%
Store 7	4602.00	357.00	118.00	2.56%
Store 4	4596.00	353.00	87.00	1.89%
<b>Grand Total</b>	<b>42447.00</b>	<b>3274.00</b>	<b>2254.00</b>	<b>5.31%</b>

case study 3: show total quantity of product purchased by professional customers

Values					
Store Name	total quantity	num of transaction	returned products	return rate	prof customers qty
Store 28	2856.00	223.00	785.00	27.49%	2856.00
Store 6	5588.00	428.00	802.00	14.35%	5588.00
Store 13	5519.00	418.00	781.00	14.15%	
Store 19	6244.00	477.00	807.00	12.92%	
Store 23	7914.00	613.00	814.00	10.29%	
Store 27	8285.00	644.00	845.00	10.20%	
Store 26	8536.00	664.00	814.00	9.54%	8536.00
Store 10	8161.00	608.00	759.00	9.30%	
Store 15	8759.00	659.00	788.00	9.00%	
Store 11	10490.00	790.00	835.00	7.96%	10490.00
Store 9	10854.00	822.00	849.00	7.82%	10854.00
Store 24	9849.00	753.00	766.00	7.78%	
Store 8	10743.00	821.00	813.00	7.57%	
Store 21	10120.00	780.00	748.00	7.39%	
Store 14	12612.00	971.00	859.00	6.81%	
Store 17	12489.00	960.00	828.00	6.63%	
Store 5	12979.00	995.00	857.00	6.60%	12979.00
Store 25	12710.00	965.00	807.00	6.35%	12710.00
Store 18	12805.00	983.00	778.00	6.08%	
Store 12	14450.00	1107.00	857.00	5.93%	
Store 3	13562.00	1048.00	802.00	5.91%	13562.00
Store 22	15099.00	1156.00	819.00	5.42%	15099.00
Store 16	14502.00	1124.00	751.00	5.18%	
Store 2	16124.00	1245.00	817.00	5.07%	
Store 20	18216.00	1398.00	864.00	4.74%	
Store 1	20102.00	1537.00	880.00	4.38%	
Store 7	34972.00	2715.00	897.00	2.56%	
Store 4	35928.00	2747.00	744.00	2.07%	
<b>Grand Total</b>	<b>360468.00</b>	<b>27651.00</b>	<b>22766.00</b>	<b>6.32%</b>	<b>92674.00</b>

filter context

filter context	
Month	Total
January	213.00
February	240.00
March	254.00
April	143.00
May	221.00
June	130.00
July	157.00
August	194.00
September	225.00
October	229.00
November	242.00
December	177.00
<b>Grand Total</b>	<b>2,425.00</b>

case study 4: show total sales for each store using sumx

total sales	
Store Name	Total
Store 4	35,793,965.00
Store 7	35,698,494.00
Store 1	20,088,180.00
Store 20	18,579,596.00
Store 2	16,544,171.00
Store 22	14,627,944.00
Store 3	14,484,551.00
Store 16	14,450,866.00
Store 12	13,956,285.00
Store 25	13,419,926.00
Store 18	13,293,397.00
Store 5	13,280,120.00
Store 17	13,279,875.00
Store 14	12,590,520.00
Store 8	10,701,988.00
Store 21	10,308,855.00
Store 11	10,218,346.00
Store 9	9,950,568.00
Store 24	9,910,565.00
Store 15	9,213,181.00
Store 26	8,914,260.00
Store 23	8,323,635.00
Store 10	8,172,247.00
Store 27	8,075,092.00
Store 19	6,015,473.00
Store 6	5,726,680.00
Store 13	5,052,803.00
Store 28	3,065,886.00
<b>Grand Total</b>	<b>363,737,469.00</b>

Case study 5: compare previous year sale to current year's sales

Year	Values	
	total sales	previous sales
2015	73,942,916.00	
2016	72,634,024.00	73,942,916.00
2017	71,849,530.00	72,634,024.00
2018	41,147,632.00	71,849,530.00
2019	39,059,085.00	41,147,632.00
2020	65,104,282.00	39,059,085.00
<b>Grand Tot:</b>		<b>363,737,469.00 298,633,187.00</b>

Values				
Year	total sales	previous sales	Year	Values
2015	20,220,251.00		revenue	163,919,190.47
2016	20,457,585.00	20,220,251.00	cost	84,573,064.08
2017	19,851,071.00	20,457,585.00	profit	79,346,126.38
2018	11,949,924.00	19,851,071.00	profit margin	48.41%
2019	10,141,918.00	11,949,924.00		
2020	17,983,573.00	10,141,918.00		
Grand Total	100,604,322.00	82,620,749.00		

<b>priority</b>	<b>Category</b>	<b>cubeset</b>	<b>cubesetcount</b>
No	Electronics	regions	10
Yes	Home_Office	months	12
	Phone_Tablets	sub-Category	13

<b>cuberankedmember</b>	<b>sequence</b>
first item in region	Northern
first month	Jan
first item in sub-Category	Television

Year	Category				Grand Total
	Electronics	Home_Office	Phone_Tablets		
2016	1,715,810.43	590,471.40	774,383.74	3,080,665.56	
<b>Grand Total</b>	<b>1,715,810.43</b>	<b>590,471.40</b>	<b>774,383.74</b>	<b>3,080,665.56</b>	

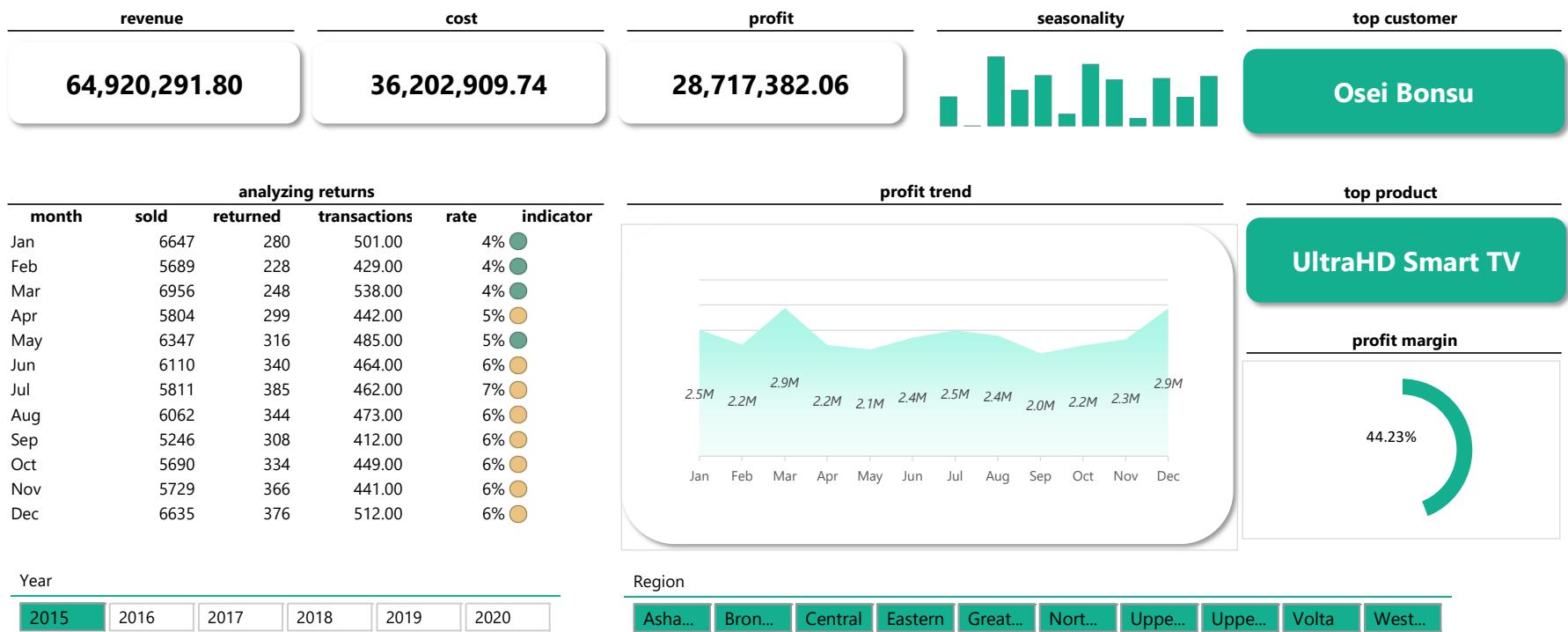
returned products	
Year	Total
2016	406.00
<b>Grand Total</b>	<b>406.00</b>

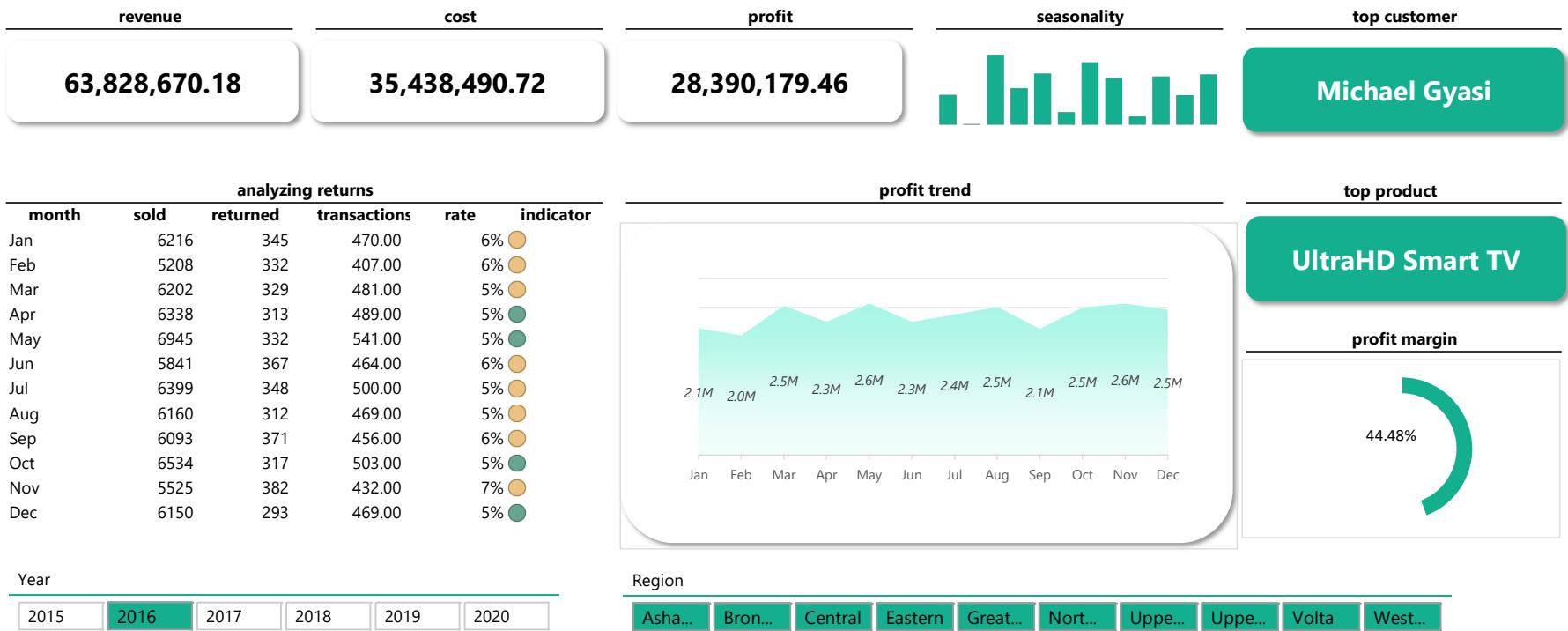
revenue	Total
<b>Total</b>	<b>6,887,743.94</b>

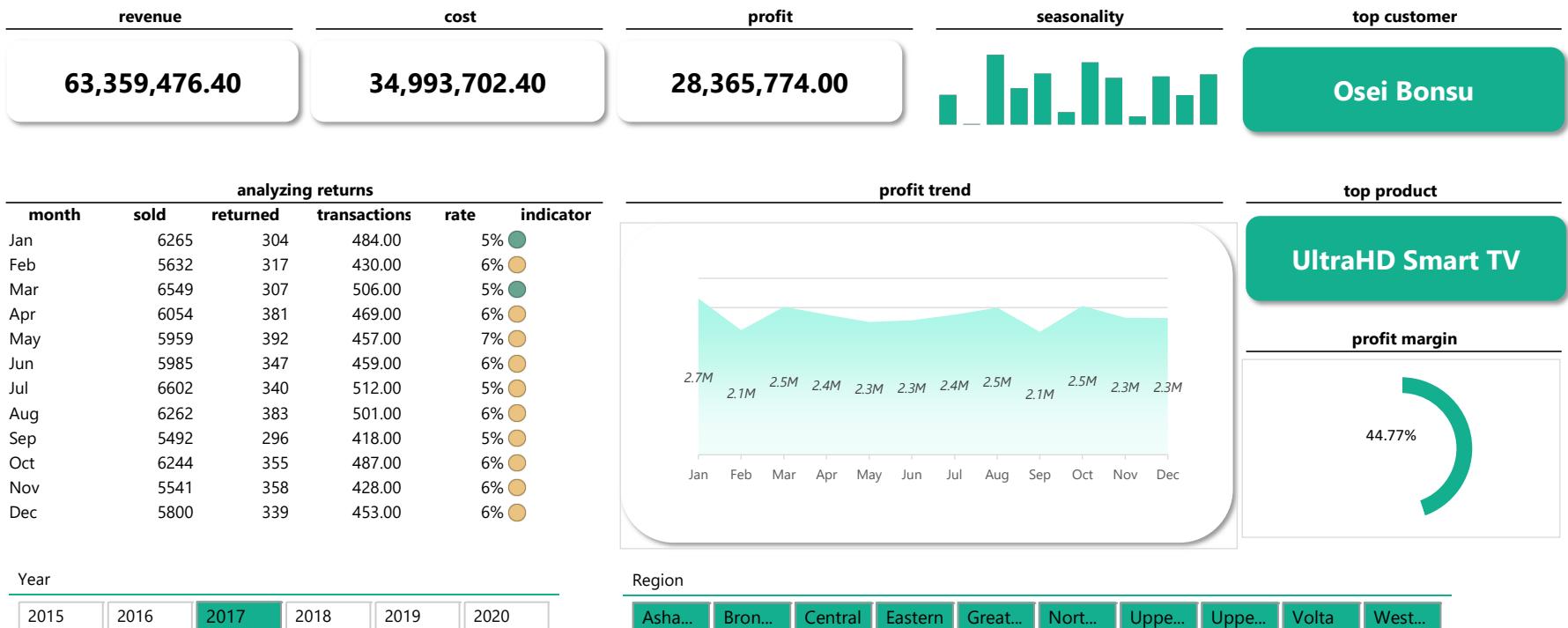
cost	Total
<b>Total</b>	<b>3,807,078.38</b>

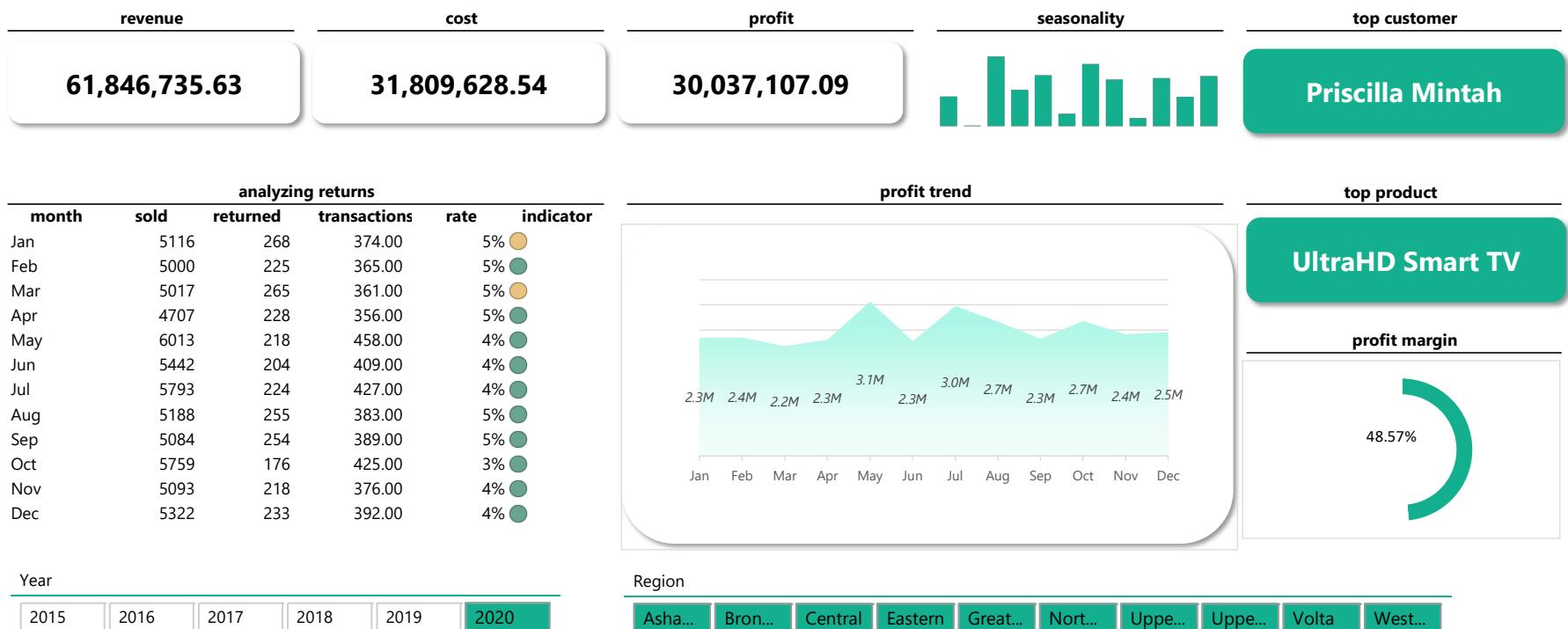
profit	Total
<b>Total</b>	<b>3,080,665.56</b>

Month	Total
Jan	340,301.30
Feb	225,893.33
Mar	373,195.62
Apr	294,988.88
May	124,226.26
Jun	276,659.44
Jul	125,960.48
Aug	307,992.78
Sep	198,108.42
Oct	132,428.17
Nov	376,202.46
Dec	304,708.46
<b>Grand Total</b>	<b>3,080,665.56</b>











Year

2015	2016	2017	2018	2019	2020
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Region

Ashanti	Brong...	Central	Eastern	Great...	North...	Upper...	Upper...	Volta	Weste...
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