Global Superstore



The growth of supermarkets in most populated cities are increasing and market competitions are also high. The dataset is one of the historical sales of supermarket company which has recorded in many different branches for months data. Predictive data analytics methods are easy to apply with this dataset.

A random sample was selected from the data between 2012 and 2015. The data reflects supermarket data in several countries around the world.

The main columns in the dataset file are:

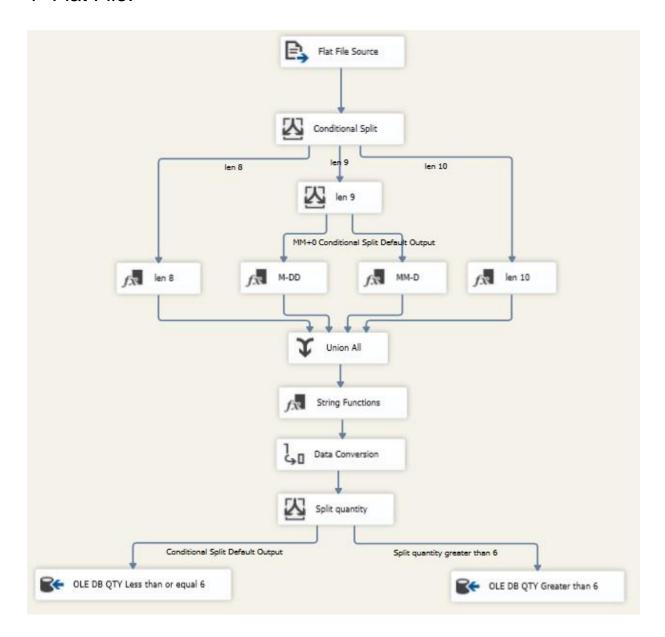
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- Order ID
- Order Date
- Ship Date
- Ship Mode
- Customer ID
- Customer Name
- Segment
- Postal Code
- City
- State
- Country
- Region
- Market
- Product ID
- Category
- Sub-Category
- Product Name
- Sales Quantity
- Discount
- Profit
- Shipping Cost
- Order Priority

A screenshot from Dataset:

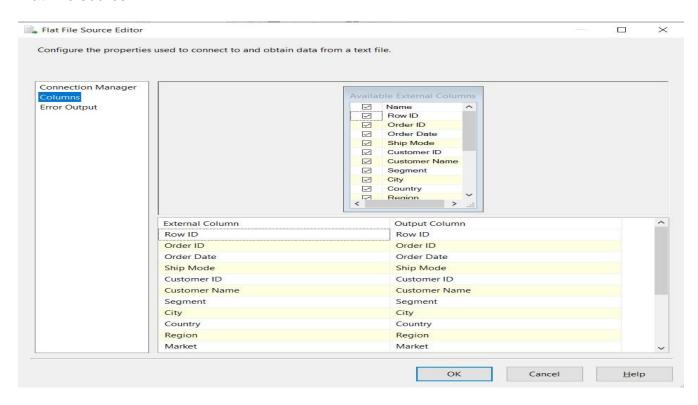
A B	C	D E	F	G	н		К	L L	М	N	0 P Q				V X Y	Z AA
		Ship Date * Ship Mode			* Segment *		* State				Produit Categ * Sub-E* Pro		August * Disc			
40098 CA-2014-AB10015140-4199		11/13/2014 First Class		2 Aaron Bergman	Consumer	73120 Oldahoma City	Oldahoma		CentralUS	USCA	TEC-PH-Technoli Phones Sa		- 2		40.77 High	
26341 IN-2014-JR162107-41675	2/5/2014	2/7/2014 Second Clas		Justin Ritter	Corporate	Wollongong	New South Wales	Australia	Oceania		FUR-CH Furniture Chairs No		9		923.63 Critical	
25330 IN-2014-CR127307-41929		10/18/2014 First Class	CR-127307	Craig Reiter	Consumer	Brisbane	Queensland		Oceania		TEC-PH Technol Phones No		9		915.49 Medium	
13524 ES-2014-KM1637548-4166		1/30/2014 First Class		Katherine Murray	Home Office	Berlin	date	Germany	Western Europe		TEC-PH Technok Phones Mo		5		910.16 Medium	
47221 SG-2014-RH9495111-41948		11/6/2014 Same Day	RH-9495111	Riok Hansen	Consumer	Dakar	Date	Senegal	Western Africa		TEC-CD Technoli Copiers Sh		8		903.04 Critical	
22732 IN-2014-JM156557-41818	6/28/2014	7/1/2014 Second Clas		Jim Mitchum	Corporate	Sydney	New South Wales		Oceania		TEC-PH Technol Phones Sa		5		897.35 Critical	
30570 IN-2012-TS2134092-41219	11/6/2012	1V8/2012 First Class	TS-2134092		Consumer	Porirua	Welington	Nev Zealand	Oceania		FUR-CH Furniture Chairs No.		4		894.77 Critical	
31192 IN-2013-MB1808592-41378		4/18/2013 Standard Cla			Consumer	Hamilton	Walkato	Nev Zealand	Oceania		FUR-TA-Furniture Tables Ch		6		878.38 Hgh	
40099 CA-2014-AB10015140-4195		11/13/2014 First Class		2 Aaron Bergman	Consumer	73120 Oldahoma City	Oldahoma	United States	CentralUS		FUR-BO Furniture Bookoas Sa		2		25.27 High	
36258 CA-2012-AB10015140-409		3/7/2012 First Class		4 Aaron Bergman	Consumer	98103 Seattle	Washington	United States	Western US			obal Pr \$48.71	1	0.2 \$5.48	11.13 High	
36259 CA-2012-AB10015140-409		3/7/2012 First Class		4 Aaron Bergman	Consumer	98103 Seattle	Washington	United States	Western US			well 3: \$17.94	3	0 \$4.66	4.29 High	
28879 ID-2013-AJ107801-41383		4/22/2013 First Class	AJ-107801	Anthony Jacobs	Corporate	Kabul	Kabul	Afghanistan	Southern Asia		FUR-TA: Furniture Tables Be		5		835.57 Hgh	
45794 SA-2012-MM7260110-4126		12/28/2012 Second Clas			Consumer	dzan	Jizan	Saudi Arabia	Western Asia		TEC-PH-Technol: Phones Cis		4	0 *****	832.41 Critical	
4132 MX-2013-VF2171518-41591		11/13/2013 Same Day	VF-2171518	Vioky Freymann	Home Office	Toledo	Parana	Brazil	South America		FUR-CH Furniture Chairs Ha		7	0 \$622.02	810.25 Critical	
27704 IN-2014-PF1912027-41796	6/6/2014	6/8/2014 Second Class		Peter Fuller	Consumer	Mudanjiang	Heilongjiang		Eastern Asia		OFF-AP Office St Appliano Kit		12	0 *****	804.54 Critical	
13779 ES-2015-BP1118545-42216		8/3/2015 Second Clas			Corporate	Paris	lle-de-France	France	Western Europe		OFF-AP Office St Appliano Bre		4	0.1 \$186.95	801.66 Critical	
39519 CA-2012-AB10015140-409	2/19/2012	2/25/2012 Standard Cla	# AB-10015140	2 Aaron Bergman	Consumer	76017 Arlington	Теная	United States	CentralUS	USCA	OFF-ST-Office St Storage Als	ro Star \$12.62	2	0.2 -\$2.52	1.97 Low	
12069 ES-2015-PJ1883564-4225	9/8/2015	9/14/2015 Standard Cla	s PJ-1883564	Patrick Jones	Corporate	Prato	Tuscany	Italy	Southern Europe	Europe	OFF-AP: Office St Appliano Ho	over S #####	14	0 *****	778.32 Low	
22096 IN-2015-JS156857-42035	1/31/2015	2/1/2015 First Class	JS-156857	Jim Sink	Corporate	Townsville	Queensland	Australia	Oceania	Asia Pacifi	TEC-CO Technoli Copiers Bro	other F ######	9	0.1 \$28.40	766.93 Critical	
49463 TZ-2015-RH9555129-4234	12/5/2015	12/7/2015 Second Class	RH-9555129	Ritsa Hightover	Consumer	Uvinza	Kigoma	Tanzania	Eastern Africa	Africa	OFF-AP: Office St Appliand Kin	chené ######	6	0 \$818.28	763,38 High	
46630 PL-2013-AB600103-41494	8/8/2013	8/10/2013 First Class	AB-600103	Ann Blume	Corporate	Bytom	Silesia	Poland	Eastern Europe	Europe	FURI-TA-Furniture Tables Ho	n Corr ######	4	0 \$276.84	759,47 Critical	
36260 CA-2012-AB10015140-409	3/6/2012	3/7/2012 First Class	AB-10015140	4 Aaron Bergman	Consumer	98103 Seattle	Washington	United States	WesternUS	LISCA	OFF-ST-Office St Storage Ca	rina 4: \$242.94	3	0 \$4.86	1.28 High	
21586 IN-2012-JK1532527-41030	5/1/2012	5/2/2012 First Class	JK-1532527	Jason Klamozynski	Corporate	Suzhou	Anhul	China	Eastern Asia	Asia Pacifi	FUR-CH Furniture Chairs SA	FCDE ******	6	0 \$358.02	752,47 Critical	
13528 ES-2014-LB16795139-4165	2/27/2014	3/1/2014 Second Clas	LB-16795139	Laurel Beltran	Home Office	Edinburah	Scotland	United Kingdom	Northern Europe	Europe	OFF-AP Office St Appliano Kin	chené *****	10	0 *****	730.91 High	
1570 US-2015-NP1832582-4221	7/31/2015	8/1/2015 First Class	NP-1832582	Naresi Patel	Consumer	Auárez	Chihuahua	Mexico	Central America		TEC-PH Technol Phones Mo		4	0 \$445.52	728.97 Critical	
3484 MX-2015-VD2167039-4225	9/5/2015	9/8/2015 First Class	VD-2167039		Consumer	Sovapango	San Salvador	ElSalvador	Central America	MATAL	FUR-TA-Furniture Tables Ho	o Corr ######	8	0.2 \$526.50	728.39 Critical	
30191 IN-2012-PB19210127-41251		12/19/2012 First Class		Philip Brever	Corporate	Taipei	Taipei City	Taiwan	Eastern Asia		FUR-TA-Furniture Tables Le		2		725.57 Critical	
11645 ES-2012-EB1411048-40381		3/16/2012 Second Class			Consumer	Leipzig	Savonu	Germany	Western Europe		OFF-AP: Office St Applianc Ho		6		725.34 Critical	
38460 CA-2012-AH10030140-410.		4/23/2012 Second Clas			Corporate	12180 Trov	New York	United States	Eastern US		OFF-FA: Office St Fastener Str		8	0 \$121.44	55.2 Critical	
22999 IN-2013-BP1123058-41329		2/24/2013 Same Day	BP-1123058		Consumer	Surat	Gujarat	India	Southern Asia		FUR-CH Furniture Chairs Off		4		704.08 Critical	
220 US-2012-FIR1952536-4127		12/29/2012 Second Clas			Corporate	Santo Domingo	Santo Domingo	Dominican Republic	Carbbean		TEC-PH Technol Phones Sa		5		704.06 Critical	
10648 ES-2013-BS1136545-41472		7/19/2013 First Class	BS-1136545		Corporate	Saint-Brieuo	Brittany	France	Western Europe		TEC-MA: Technoli Machine Ok		9		639.55 Critical	
40977 CA-2013-AH10030140-416		12/31/2013 Standard Cla			Corporate	94122 San Francisco	California	United States	Western US	USCA	TEC-PH Technol Phones Ge		9	0.2 \$75.17		
21286 IN-2012-DP131057-41215	11/2/2012	11/4/2012 Second Class		Dave Poirier	Corporate	Gold Coast	Queentland	Australia	Oceania		OFF-AP Office St Appliano Bre		E	0.1 \$56148		
40976 CA-2013-AH10030140-416		12/31/2013 Standard Cla			Corporate	94122 San Francisco	California	United States	Western US		OFF-ST-Office St Storage Fel		2	0 \$6139	26.7 Medium	
47905 CG-2012-AH1003033-4116		9/14/2012 First Class		Aaron Hawkins	Corporate	Kamina	Katanga	Democratic Republic of the Cond		Africa	TEC-PH-Technol Phones Ap		c	0 *****	678.15 High	
36651 CA-2012-AH10030140-410		5/18/2012 Standard Cla			Corporate	30004 Los Angeles	California	United States	Western US		FUR-CH Furniture Chairs los			0.2 \$20.96	11.63 Medium	
40100 CA-2012-AH10030140-412		12/31/2012 First Class		36 Aaron Havkins	Corporate	10035 Nev York City	New York	United States	Eastern US		TEC-AC: Technol: Accesso Ve		2	0.2 \$20.36	8.22 High	
15380 E5-2015-PO18865139-420		1/18/2015 Standard Cla				Stockton-on-Tees	England	United States United Kingdom	Northern Europe		TEC-CO Technoli Copiers Bro		13	0 91147	668.36 High	
	1/10/2012	1/11/2012 First Class			Consumer						TEC-PH Technol Phones No		13			
28046 IN-2012-DL128657-40918			DL-128657	Dan Lawera	Consumer	Brisbane	Queensland		Oceania				5		665.27 Medium	
21316 ID-2014-JB1600059-41873		8/26/2014 Standard Cla			Consumer	Mataram	Nusa Tenggara Barat	Indonesia			TEC-PH Technok Phones Mo		- 6	0.17 -\$77.20		
29272 IN-2015-BF1100558-42319		11/15/2015 Standard Cla			Home Office	Gorakhpur	Haryana	India	Southern Asia		TEC-PH Technok Phones Mo		-7		658.69 High	
25795 IN-2015-VG2180558-4227		9/28/2015 Second Clas			Corporate	Thiruvananthapuram	Kerala	India	Southern Asia		FUR-BO Furniture Bookoas Sa		13		658.35 Medium	
16681 ES-2013-GT14710139-4162		12/17/2013 Standard Cla			Consumer	Huddersfield	England	United Kingdom	Northern Europe		TEC-PH-Technol Phones Mo		9		656.73 High	
15953 IT-2012-ZC2191048-41174		9/24/2012 First Class	ZC-2191048		Consumer	Berlin	Berlin	Germany	Western Europe		OFF-AP: Office St Applianc Cu		- 7	0.2 \$377.24		
34608 CA-2014-AH10030140-417		3/26/2014 Second Clas			Corporate	39503 Gulfport	Mississippi	United States	Southern US		FUR-FU-Furniture Furnishir Eld		- 7	0 \$38.04	5.73 Medium	
13847 IT-2014-EB1384045-41706		3/8/2014 Same Day		Elis Ballard	Corporate	Montreuil	lle-de-France	France	Western Europe		FUR-CH Furniture Chairs Off		5		652,98 Critical	
24341 IN-2015-AP1091527-42244		8/29/2015 First Class		Arthur Prichep	Consumer	Shouguang	Shandong	China	Eastern Asia		FUR-CH Furniture Chairs No		6		644.75 High	
28701 IN-2015-5W2027558-4212	5/1/2015	5/1/2015 Same Day	SW-2027551	3 Scott Williamson	Consumer	Jamshedpur	Jharkhand	India	Southern Asia	Asia Pacifi	TEC-MA: Technol: Machine Ko	nicalr *****	7	0. 4500.01	637.86 Critical	

Flow of components

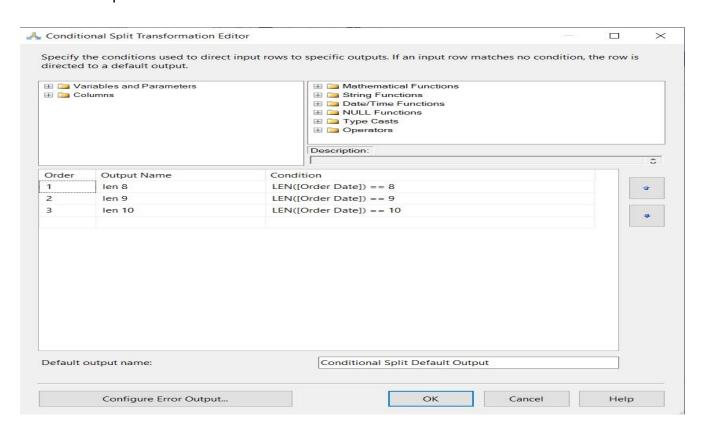
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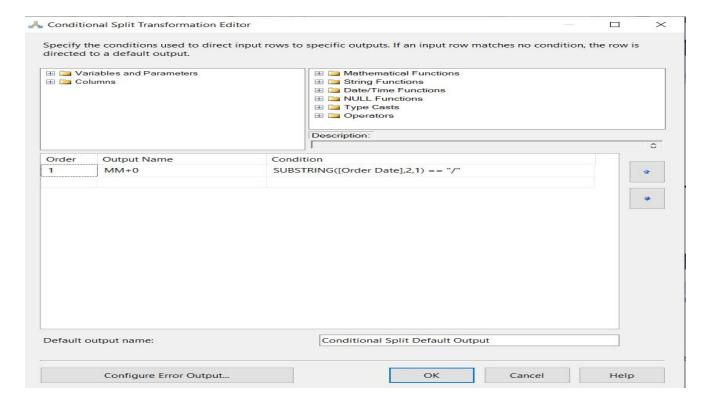
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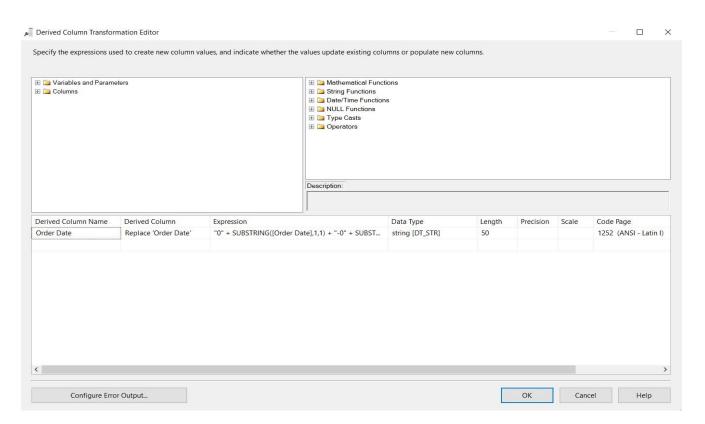
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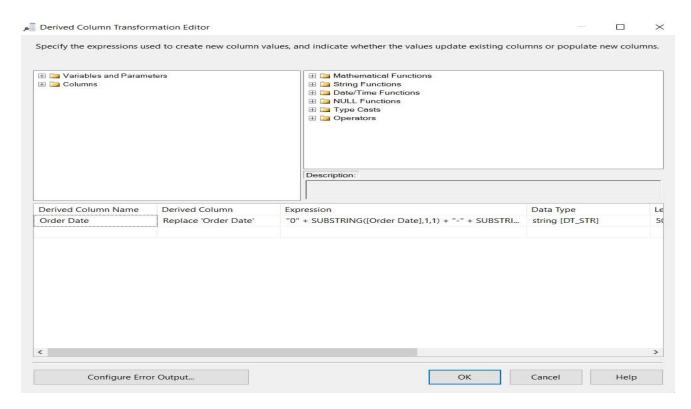
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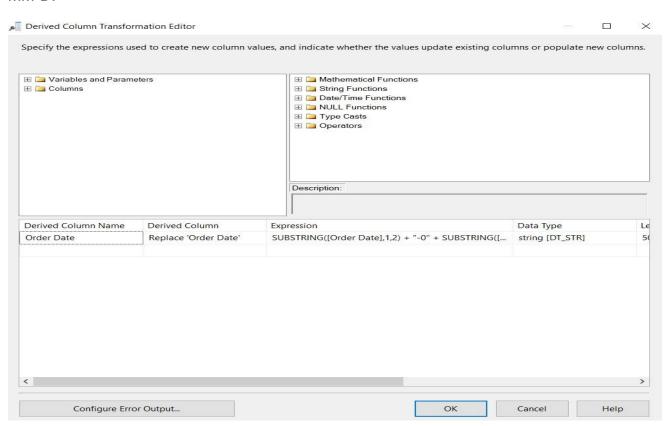
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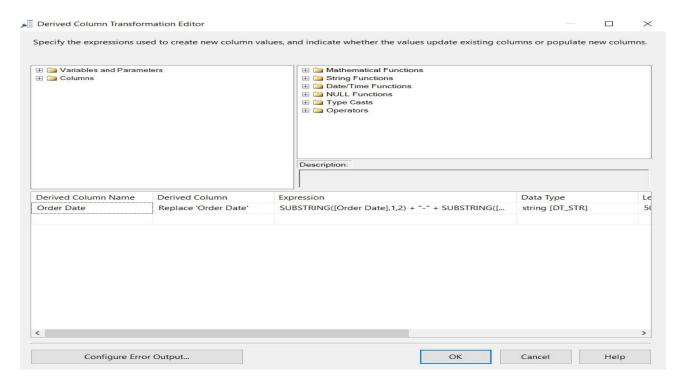
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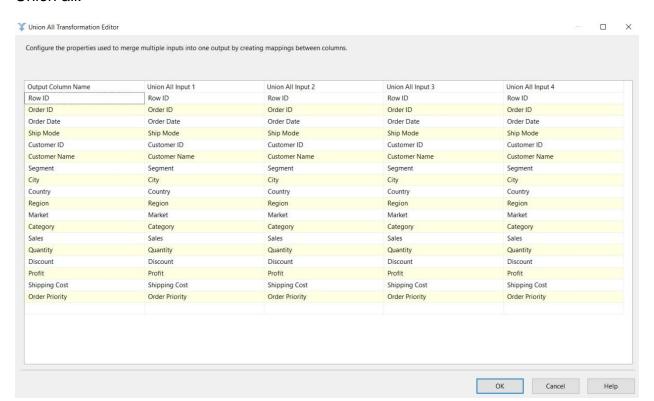
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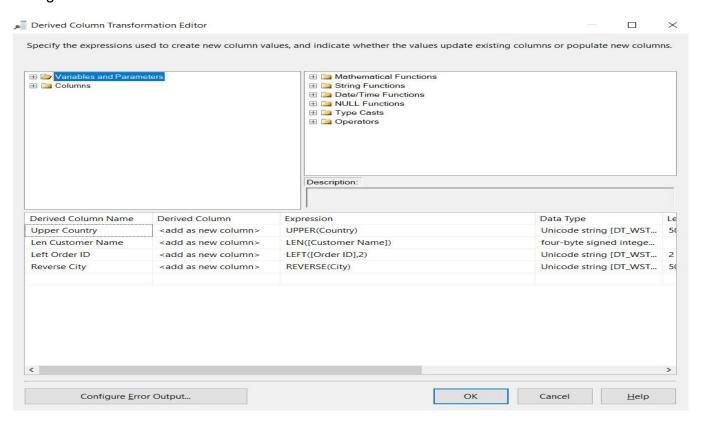
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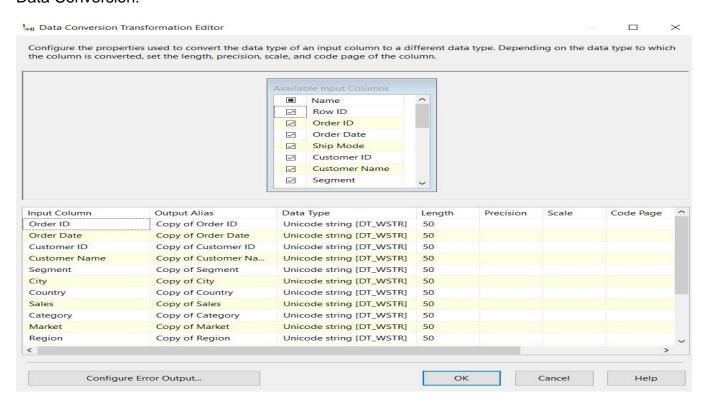
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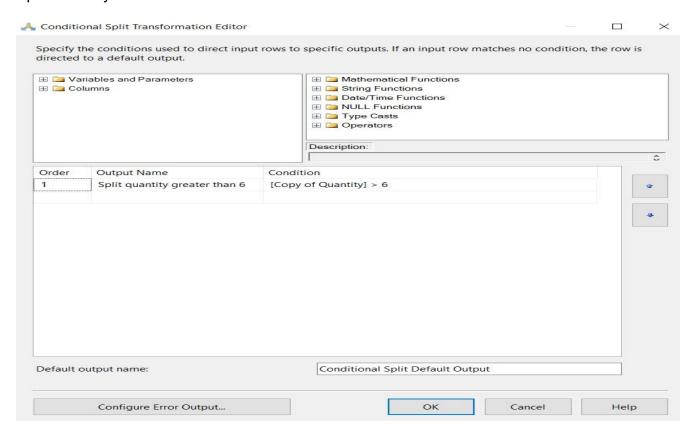
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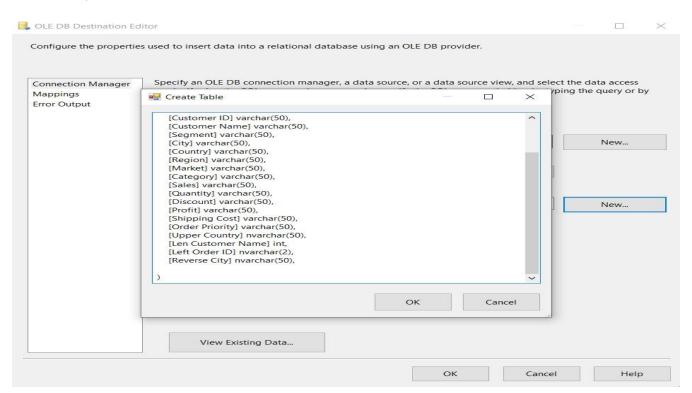
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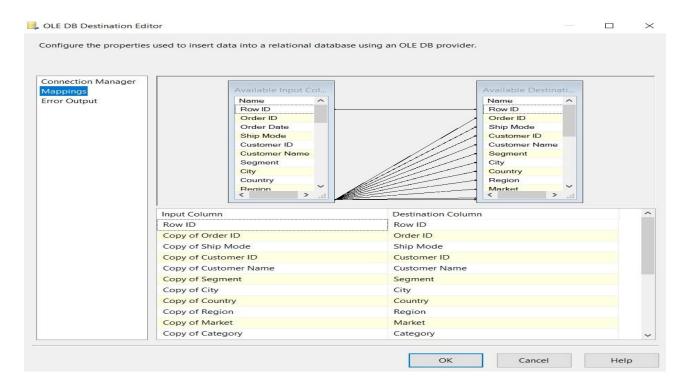


Split Quantity:

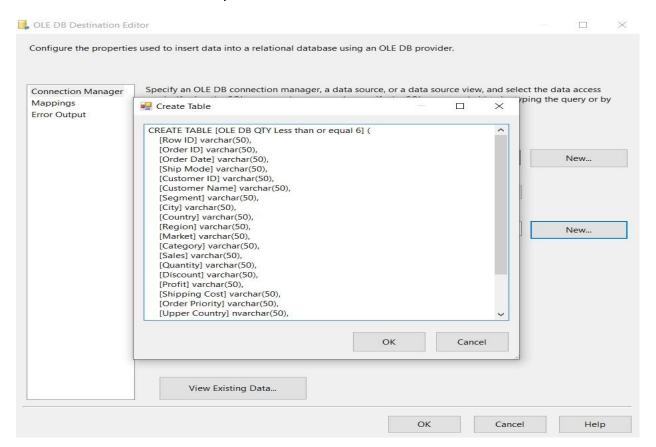


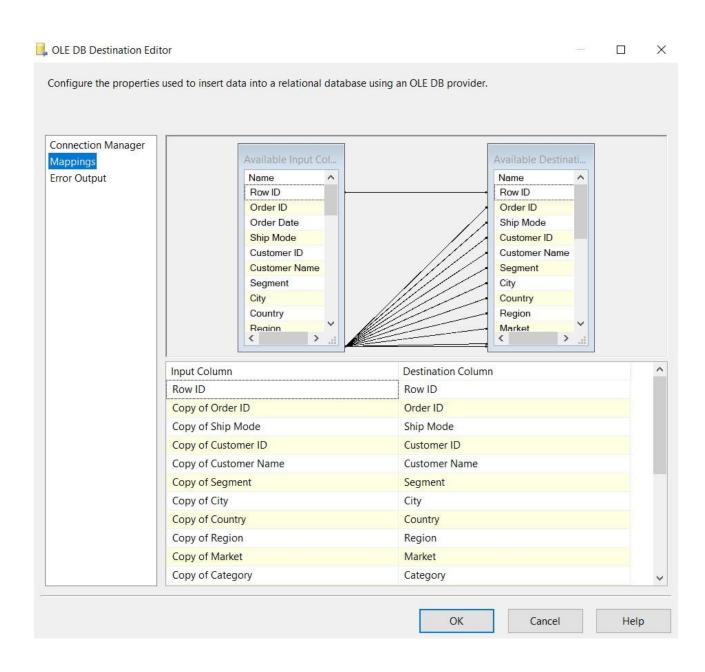
OLE DB QTY Greater than 6:



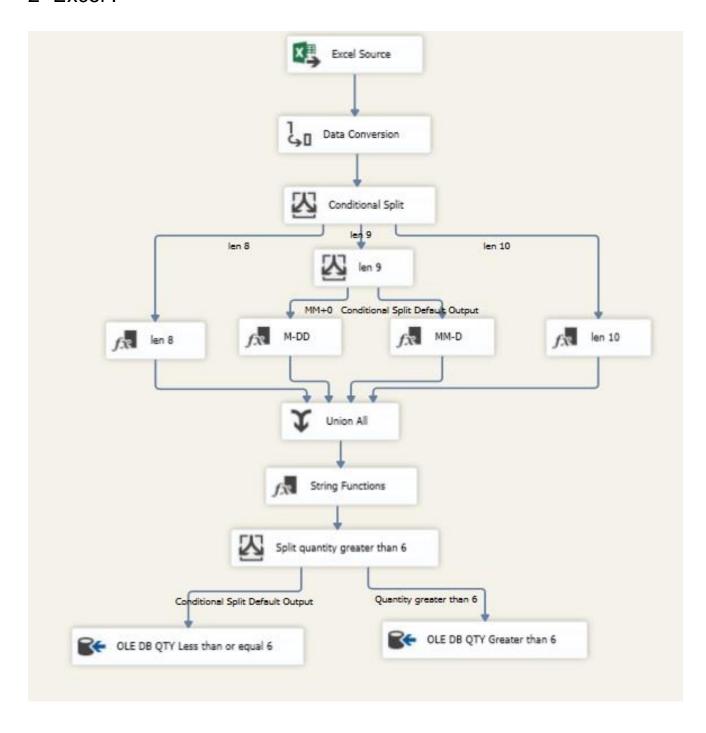


OLE DB QTY Less than or equal 6:

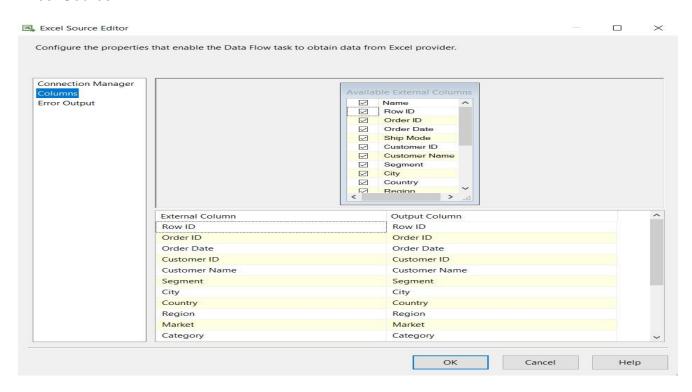




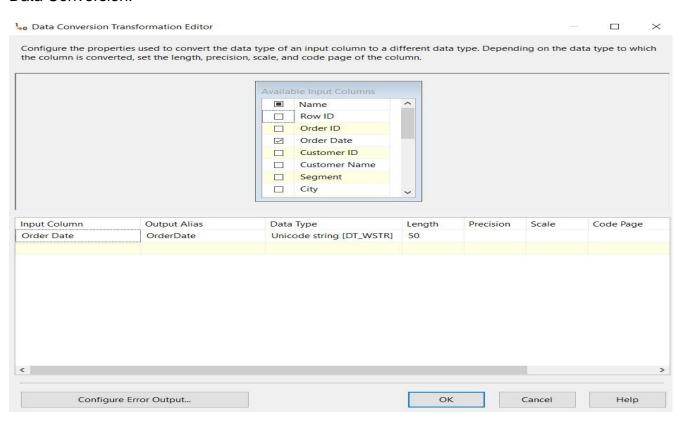
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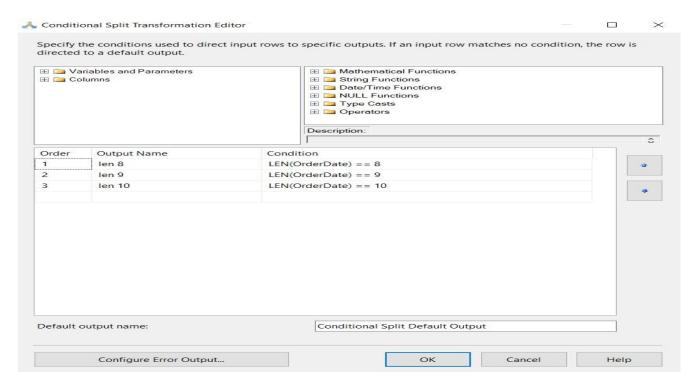
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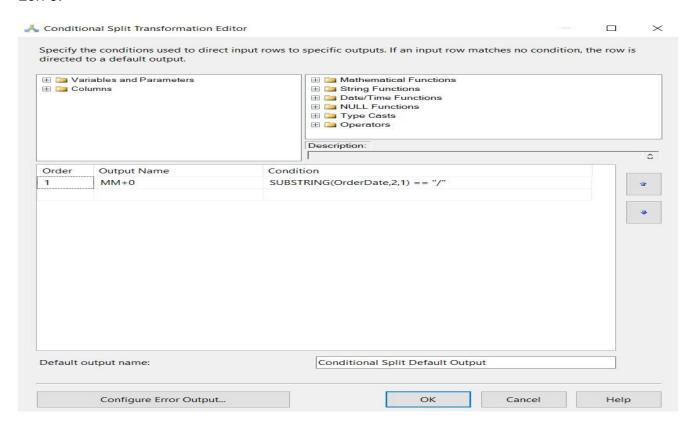
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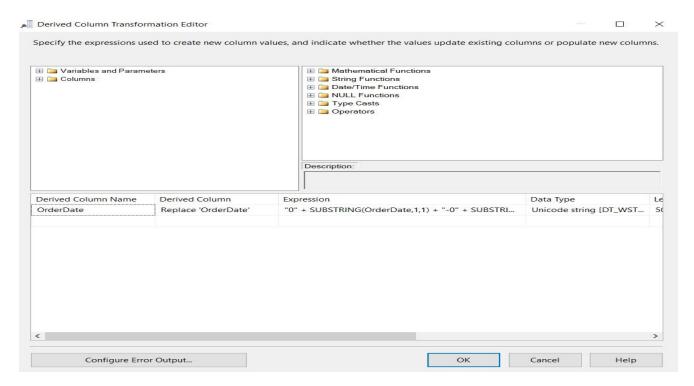
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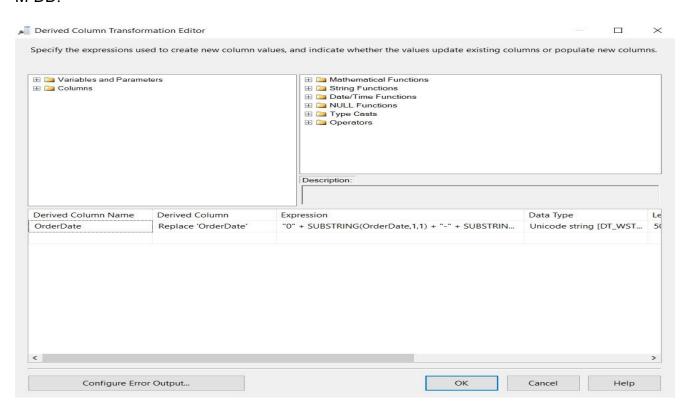
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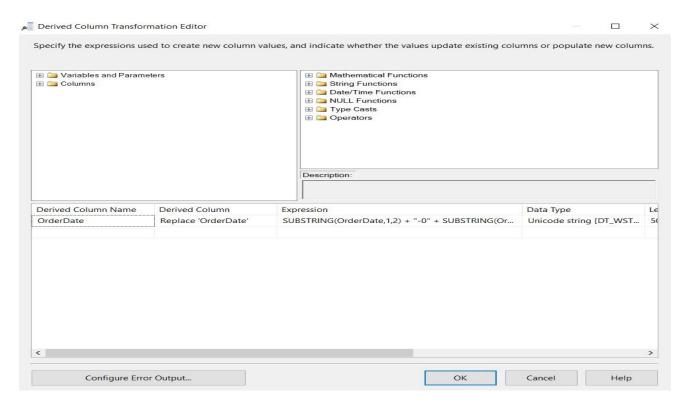
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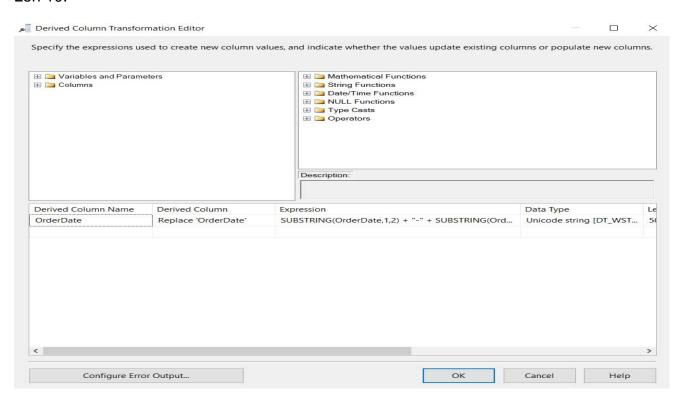
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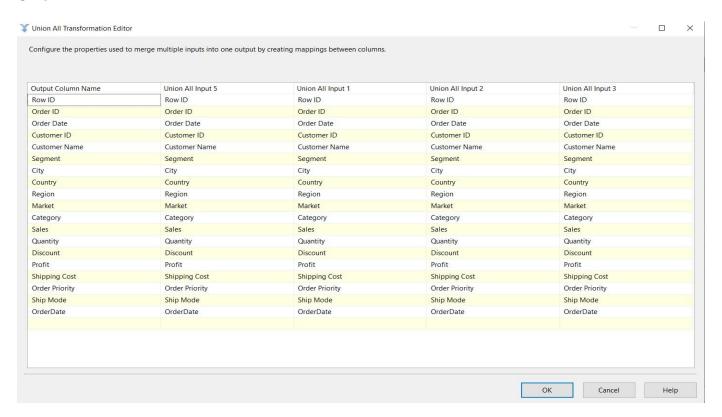
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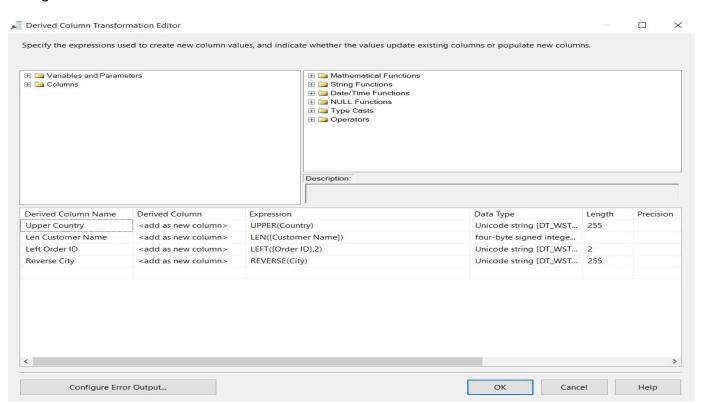
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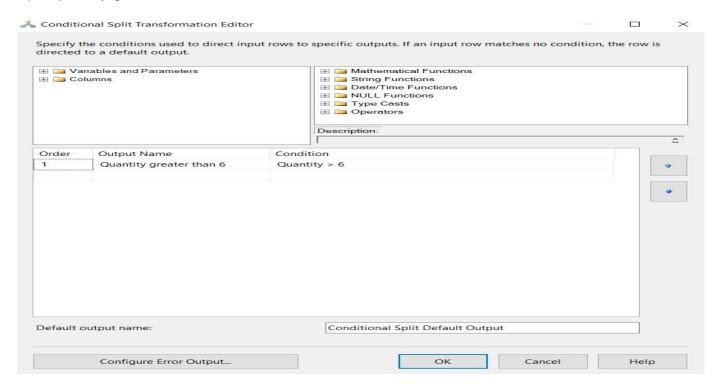
Union All:



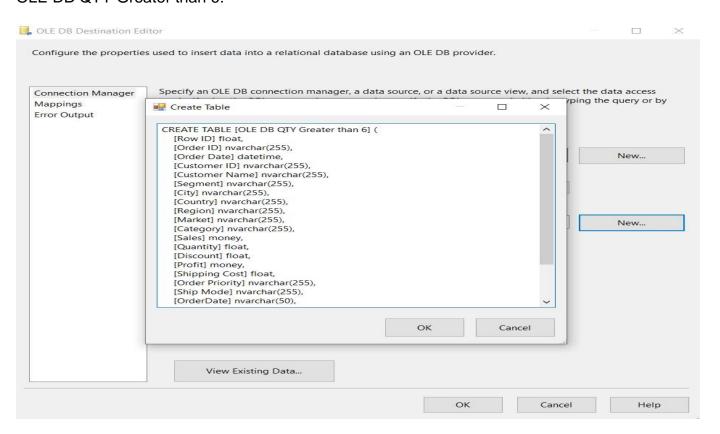
String Functions:

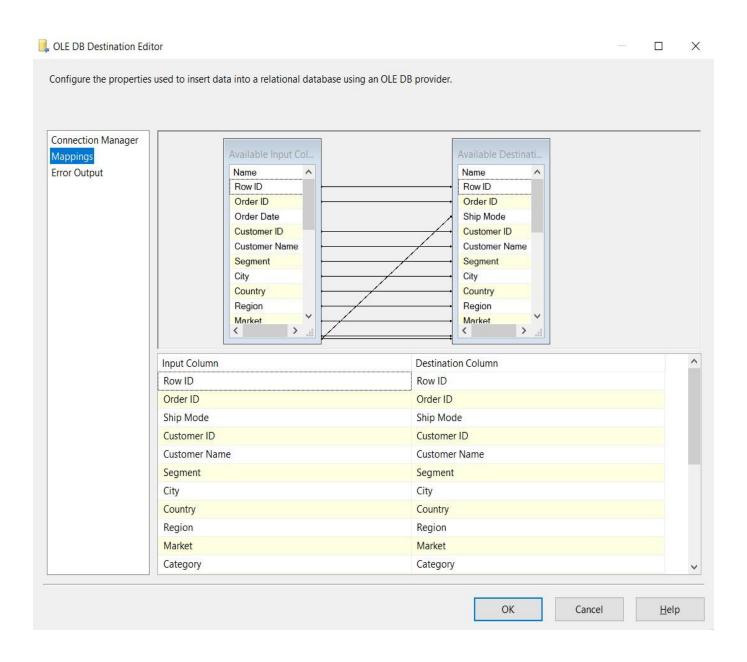


Split quantity greater than 6:

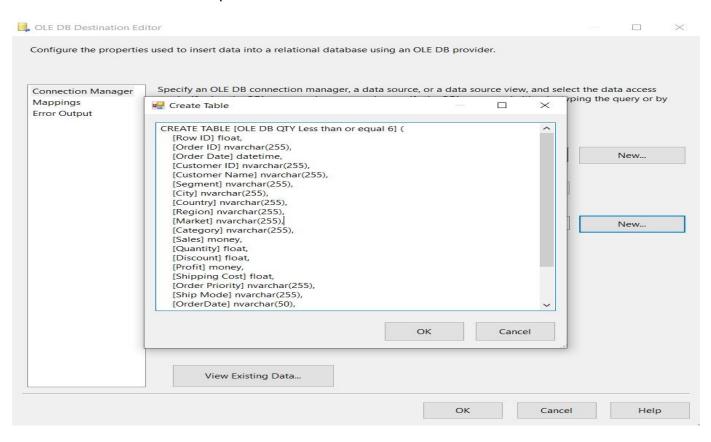


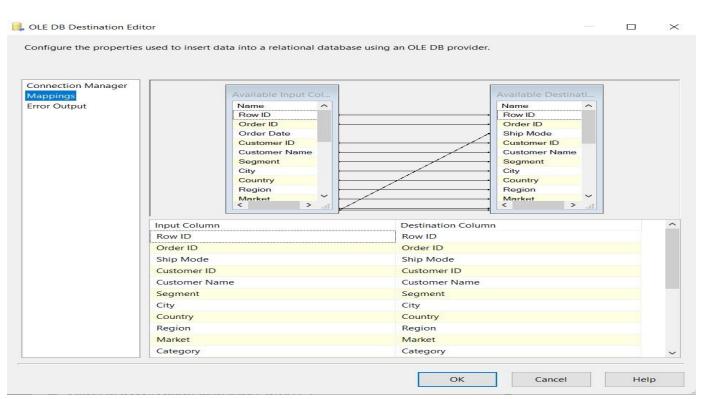
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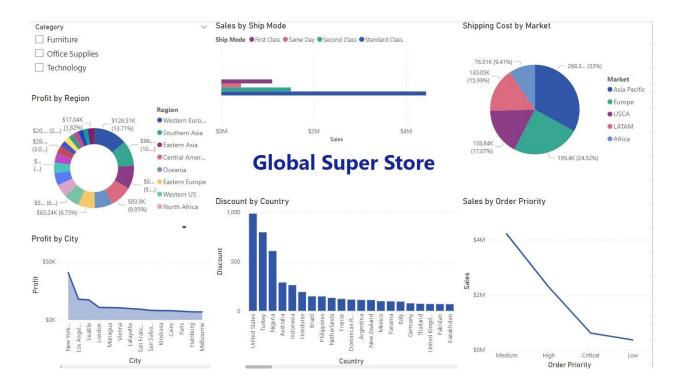


OLE DB QTY Less than or equal 6:

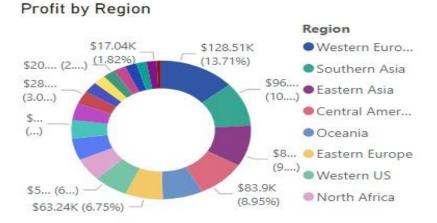




Power BI Dashboard



1-donut chart:



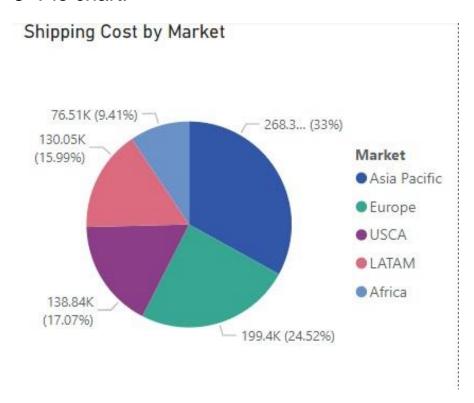
As shown in the previous donut chart, the highest profit in terms of regions is in Western Europe

2- Clustered Bar chart:



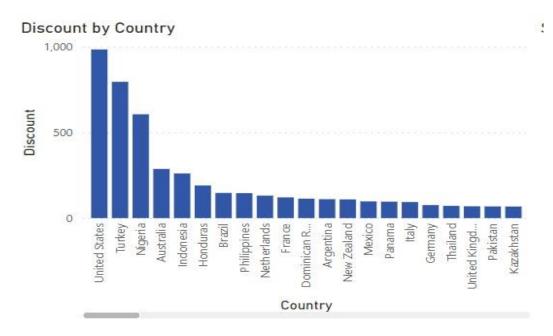
As shown in clustered bar chart, the bestselling ship mode is Standard Class

3- Pie chart:



As shown in pie chart, the highest shipping cost in Asia Pacific market.

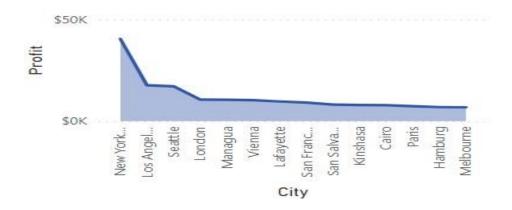
4- Clustered Column chart:



As shown in clustered column chart, the highest discount is USA

5- Area chart:

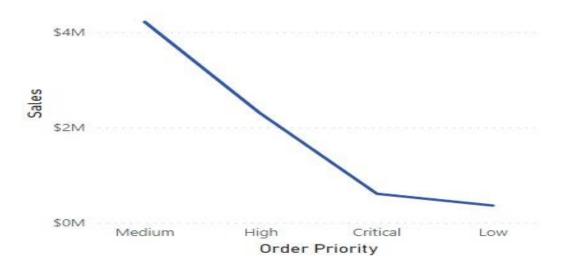
Profit by City



As shown in area chart, the highest profit is New York city in USA

6- Line chart:

Sales by Order Priority



As shown in line chart, the bestselling order that is in medium priority