Name: Vishnu Pasad M

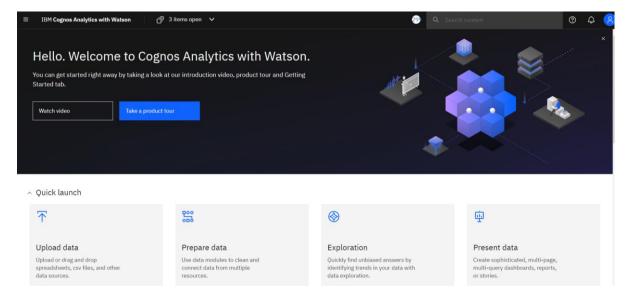
Reg No: 19BAI1127

Smart Internz guided project: Sample super store data analytics

using IBM Cognos

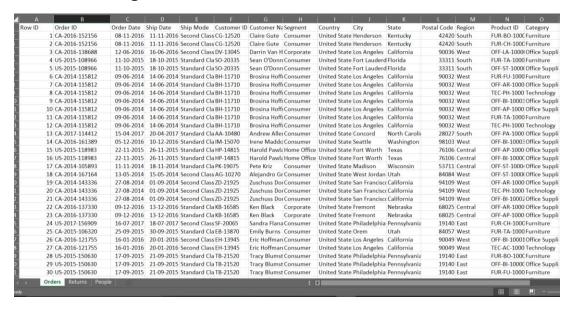
#### Screen shots

#### IBM Cloud



### Working with dataset

## Understanding the dataset

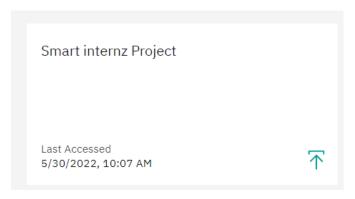


								1
Sub-Categor	Product Nam S	ales	Quantity		Discount	Profit		ч
Bookcases	<b>Bush Somers</b>	261.96		2	0	41.9136		
Chairs	Hon Deluxe F	731.94		3	0	219.582		
Labels	Self-Adhesive	14.62		2	0	6.8714		1
Tables	Bretford CR4	957.5775		5	0.45	-383.031		1
Storage	Eldon Fold 'N	22.368		2	0.2	2.5164		1
Furnishings	Eldon Expres	48.86		7	0	14.1694		1
Art	Newell 322	7.28		4	0	1.9656		1
Phones	Mitel 5320 IF	907.152		6	0.2	90.7152		1
Binders	DXL Angle-Vi	18.504		3	0.2	5.7825		1
Appliances	Belkin F5C20	114.9		5	0	34.47		п
Tables	Chromcraft F	1706.184		9	0.2	85.3092		п
Phones	Konftel 250 C	911.424		4	0.2	68.3568		п
Paper	Xerox 1967	15.552		3	0.2	5.4432		1
Binders	Fellowes PB2	407.976		3	0.2	132.5922		1
Appliances	Holmes Repl.	68.81		5	0.8	-123.858		1
Binders	Storex DuraT	2.544		3	0.8	-3.816		п
Storage	Stur-D-Stor S	665.88		6	0	13.3176		1
Storage	Fellowes Sup	55.5		2	0	9.99		1
Art	Newell 341	8.56		2	0	2.4824		1
Phones	Cisco SPA 50	213.48		3	0.2	16.011		1
Binders	Wilson Jones	22.72		4	0.2	7.384		1
Art	Newell 318	19.46		7	0	5.0596		1
Appliances	Acco Six-Out	60.34		7	0	15.6884		1
Chairs	Global Delux	71.372		2	0.3	-1.0196		1
Tables	Bretford CR4	1044.63		3	0	240.2649		1
Binders	Wilson Jones	11.648		2	0.2	4.2224		1
Accessories	Imation 8GB	90.57		3	0	11.7741		1
Bookcases	Riverside Pal	3083.43		7	0.5	-1665.0522		1
Binders	Avery Recycle	9.618		2	0.7	-7.0532		п
Furnishings	Howard Mille	124.2		3	0.2	15.525		
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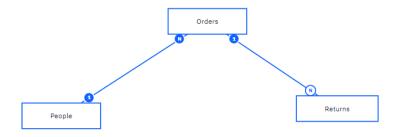
А	В	С	D
Returned	Order ID		
Yes	CA-2017-153822		
Yes	CA-2017-129707		
Yes	CA-2014-152345		
Yes	CA-2015-156440		
Yes	US-2017-155999		
Yes	CA-2014-157924		
Yes	CA-2017-131807		
Yes	CA-2016-124527		
Yes	CA-2017-135692		
Yes	CA-2014-123225		
Yes	CA-2017-145772		
Yes	US-2014-105137		
Yes	CA-2017-101805		
Yes	CA-2016-111682		
Yes	CA-2017-131492		
Yes	CA-2015-104129		
Yes	CA-2017-117926		
Yes	US-2016-115952		
Yes	CA-2015-155761		
Yes	CA-2017-100111		
Yes	CA-2014-156349		
Yes	CA-2016-118899		
Yes	CA-2017-108294		
Yes	US-2017-123834		
Yes	CA-2015-168480		
Yes	CA-2017-122007		
Yes	CA-2017-128965		
Yes	CA-2015-169397		
Yes	CA-2015-168564		
Yes	CA-2014-102652		
▶   Or	ders Returns	People   🕒	

1	Α	В
1	Person	Region
2	Anna Andrea	West
3	Chuck Magee	East
4	Kelly William	Central
5	Cassandra Br	South

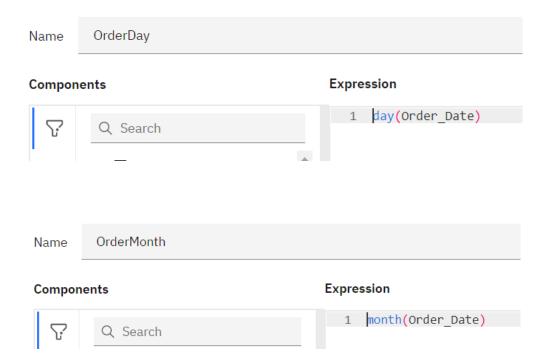
# Loading the dataset

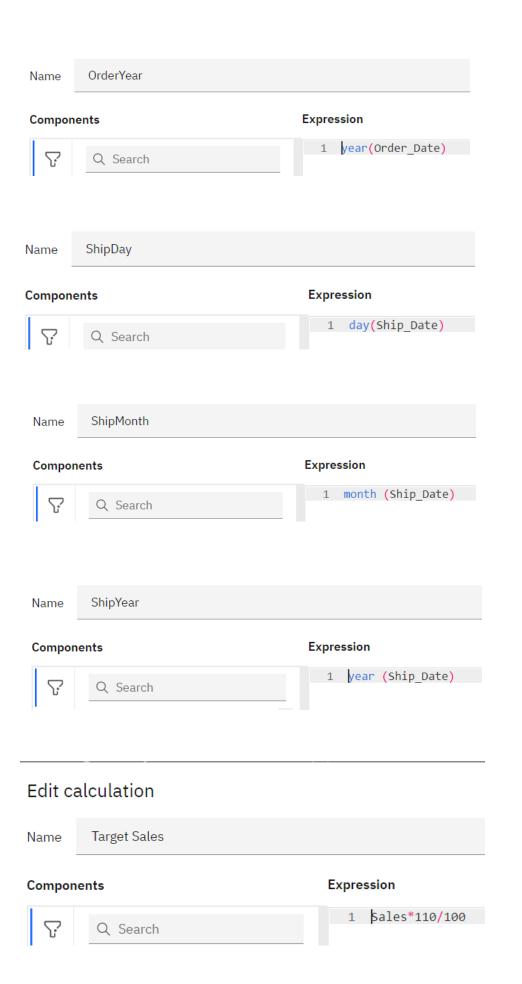


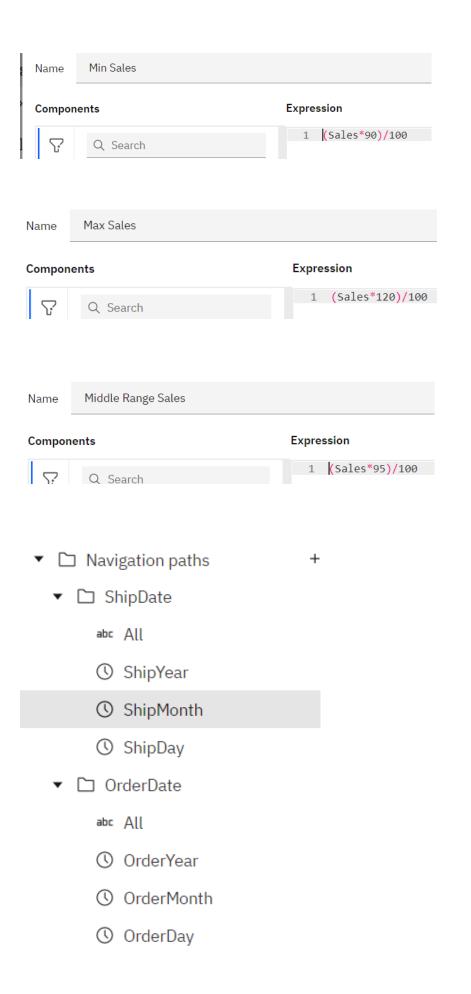
## Prepare the dataset



# Calculations and navigations





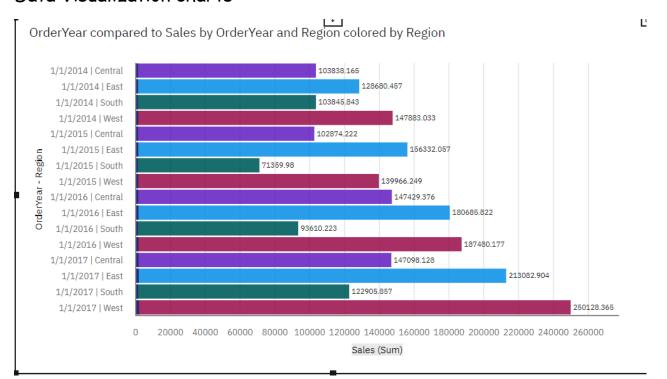


Location
Region
Country
State
City
Postal Code
Product
abc Category
Sub-Category

abc Product Name

abc Product ID

### Data Visualization charts



#### Regional Sales based on year and Year and category

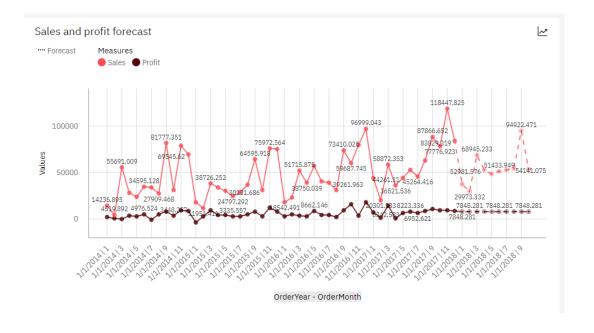
Sales		Central	East	South	West	Summary
1/1/2014	Furniture	32909.664	47232.739	26968.003	50082.448	157192.853
	Office Supplies	37001.691	35968.989	25958.878	52846.854	151776.412
	Technology	33926.81	45478.729	50918.963	44953.731	175278.233
	Summary	103838.165	128680.457	103845.843	147883.033	484247.498
1/1/2015	Furniture	35592.047	53817.432	24103.814	57004.944	170518.237
	Office Supplies	25461.391	42655.245	31253.295	37863.532	137233.463
	Technology	41820.784	59859.38	16002.871	45097.774	162780.809
	Summary	102874.222	156332.057	71359.98	139966.25	470532.509
1/1/2016	Furniture	50773.182	46387.172	27921.441	73819.64	198901.436
	Office Supplies	45792.789	61801.208	28666.628	47679.357	183939.982
	Technology	50863.405	72497.442	37022.154	65981.179	226364.18
				L	ı	
	Summary	147429.376	180685.822	93610.223	187480.177	609205.598
1/1/2017	Furniture	44522.271	60853.861	38305.425	71705.711	215387.269
	Office Supplies	58770.544	65090.613	39772.512	82463.506	246097.175
	Technology	43805.313	87138.43	44827.92	95959.148	271730.811

147098.128

501239.891

Summary

Summary



213082.904

678781.24

122905.857

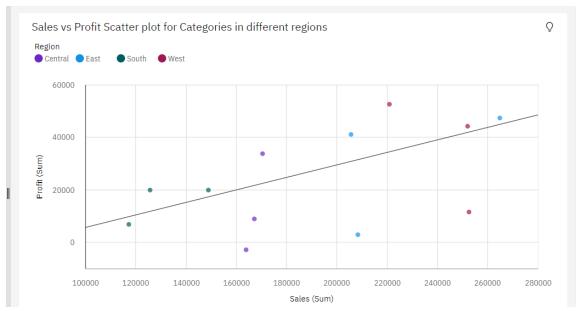
391721.905

250128.365

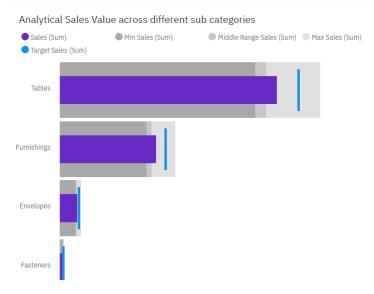
725457.825

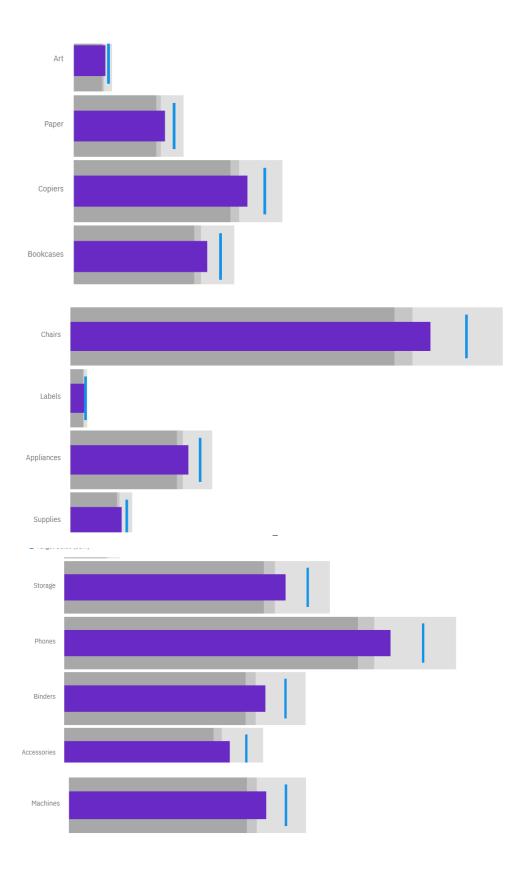
733215.255

2297200.86

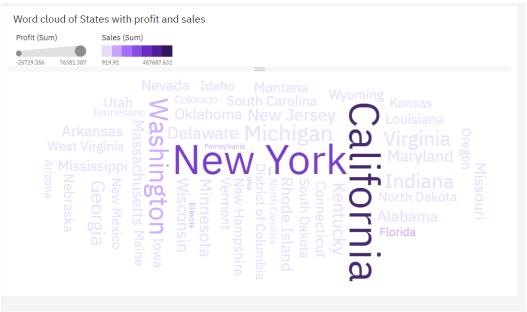




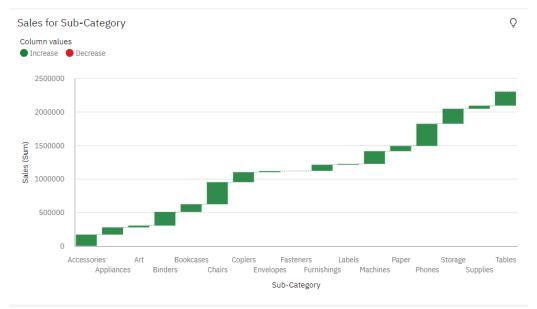


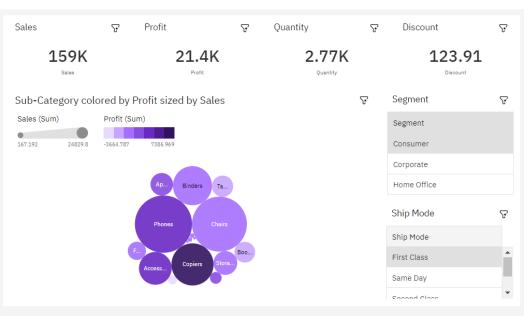












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