

# DATA ANALYTICS WITH IBM COGNOS

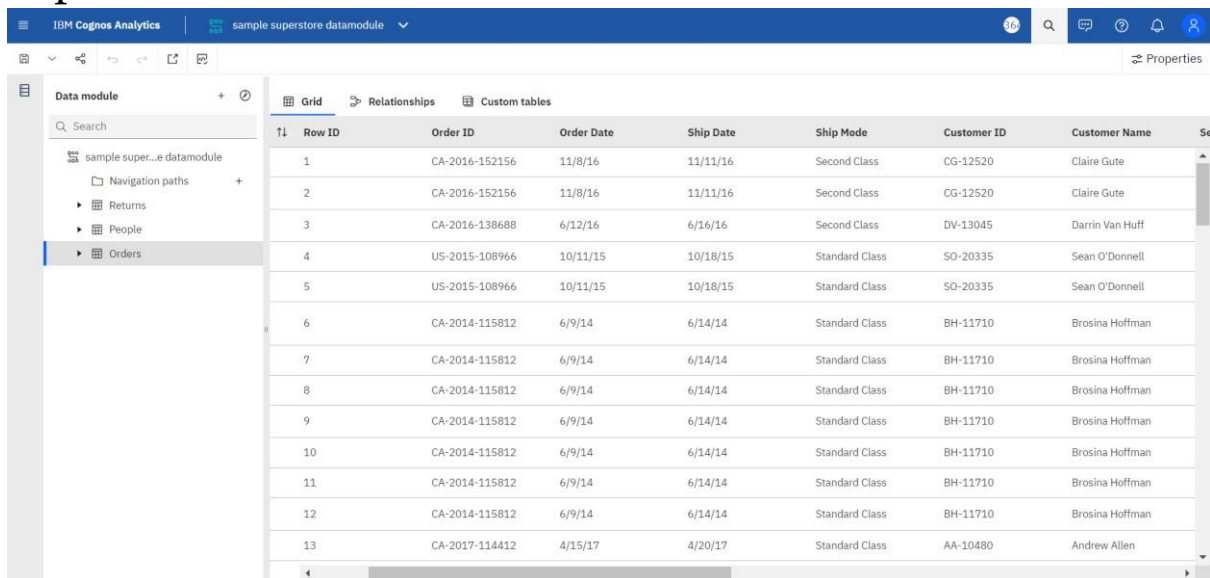
## ASSIGNMENT 1

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### Supermarket-sales Data module creation:

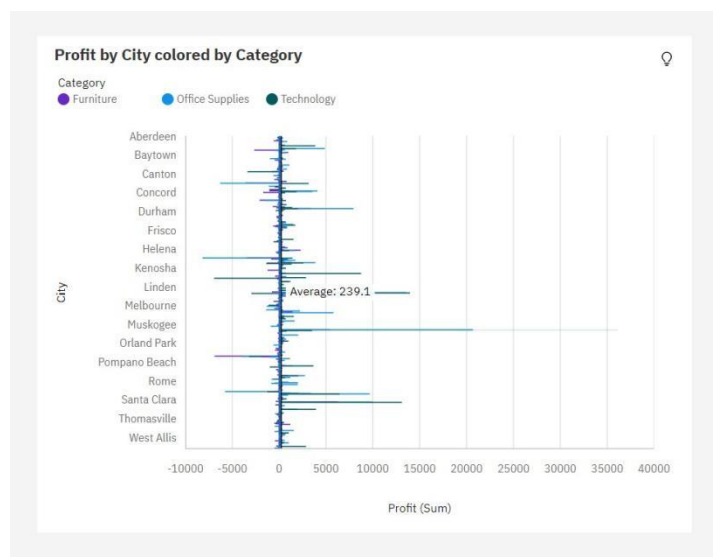


The screenshot displays the IBM Cognos Analytics interface for the 'sample superstore datamodule'. The left sidebar shows a navigation tree with 'Orders' selected. The main area shows a table with 13 rows of data. The table columns are: Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, and a partially visible 'Se' column.

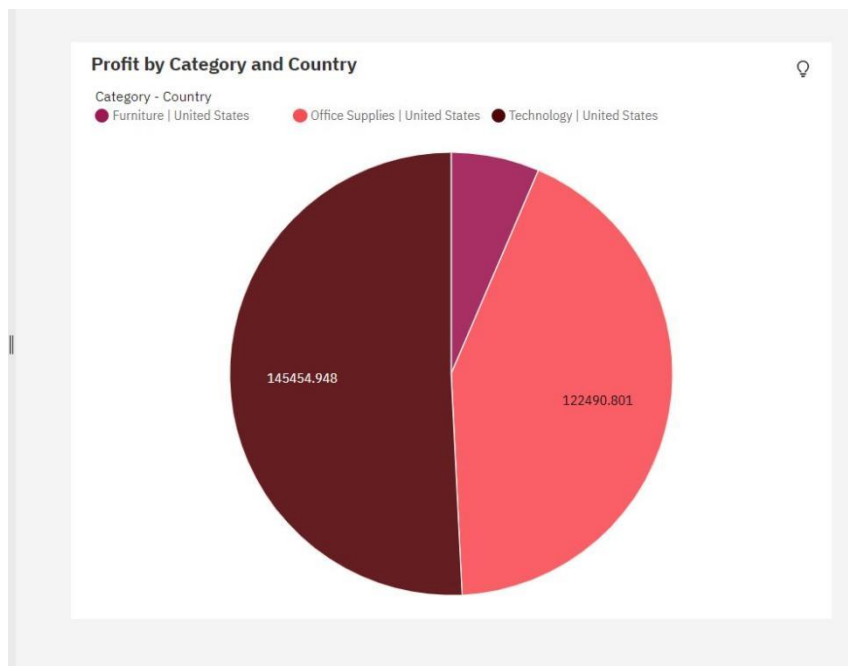
Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Se
1	CA-2016-152156	11/8/16	11/11/16	Second Class	CG-12520	Claire Gute	
2	CA-2016-152156	11/8/16	11/11/16	Second Class	CG-12520	Claire Gute	
3	CA-2016-138688	6/12/16	6/16/16	Second Class	DV-13045	Darrin Van Huff	
4	US-2015-108966	10/11/15	10/18/15	Standard Class	SO-20335	Sean O'Donnell	
5	US-2015-108966	10/11/15	10/18/15	Standard Class	SO-20335	Sean O'Donnell	
6	CA-2014-115812	6/9/14	6/14/14	Standard Class	BH-11710	Brosina Hoffman	
7	CA-2014-115812	6/9/14	6/14/14	Standard Class	BH-11710	Brosina Hoffman	
8	CA-2014-115812	6/9/14	6/14/14	Standard Class	BH-11710	Brosina Hoffman	
9	CA-2014-115812	6/9/14	6/14/14	Standard Class	BH-11710	Brosina Hoffman	
10	CA-2014-115812	6/9/14	6/14/14	Standard Class	BH-11710	Brosina Hoffman	
11	CA-2014-115812	6/9/14	6/14/14	Standard Class	BH-11710	Brosina Hoffman	
12	CA-2014-115812	6/9/14	6/14/14	Standard Class	BH-11710	Brosina Hoffman	
13	CA-2017-114412	4/15/17	4/20/17	Standard Class	AA-10480	Andrew Allen	

### Visualisations:

BAR:



PIE:

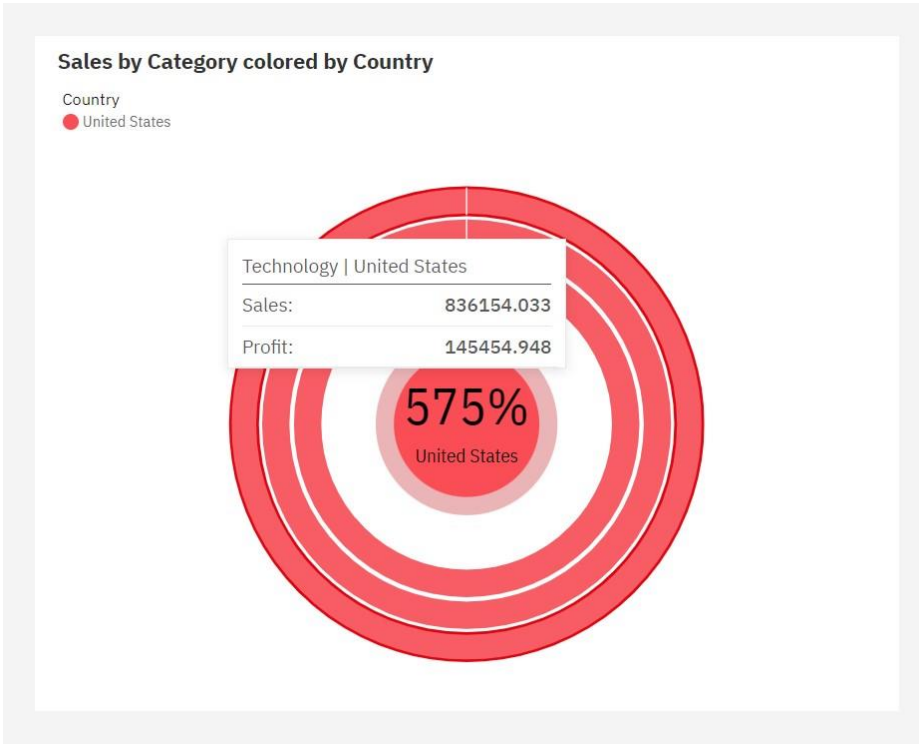


CROSSTAB:

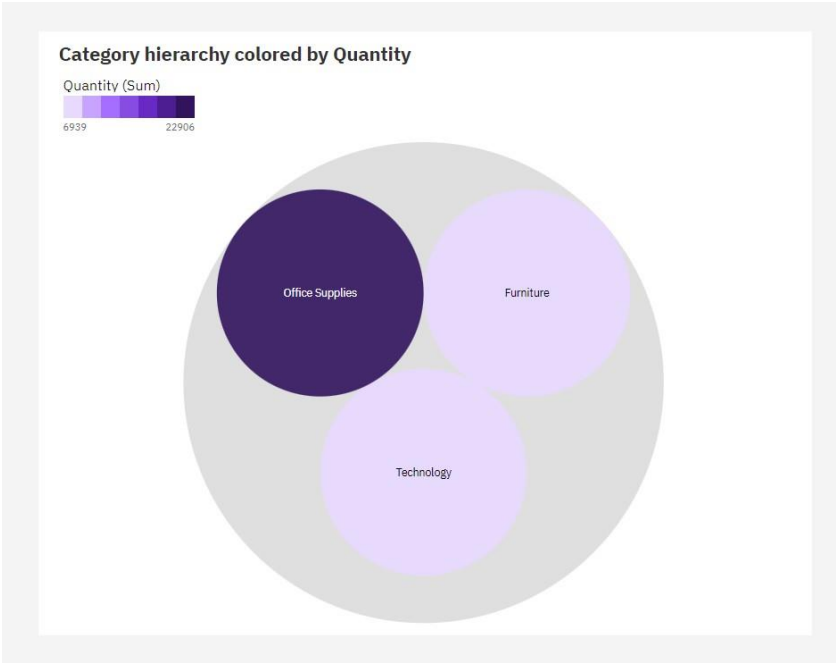
Profit for Country and Sales

Profit	United States	Summary
0.444	-1.11	-1.11
0.556	-0.945	-0.945
0.836	-1.338	-1.338
0.852	-0.596	-0.596
0.876	-1.402	-1.402
0.898	-1.572	-1.572
0.984	-1.476	-1.476
0.99	0.436	0.436
1.044	-1.827	-1.827
1.08	-1.728	-1.728
1.08	-1.584	-1.584
1.112	-1.89	-1.89
1.167	-0.856	-0.856

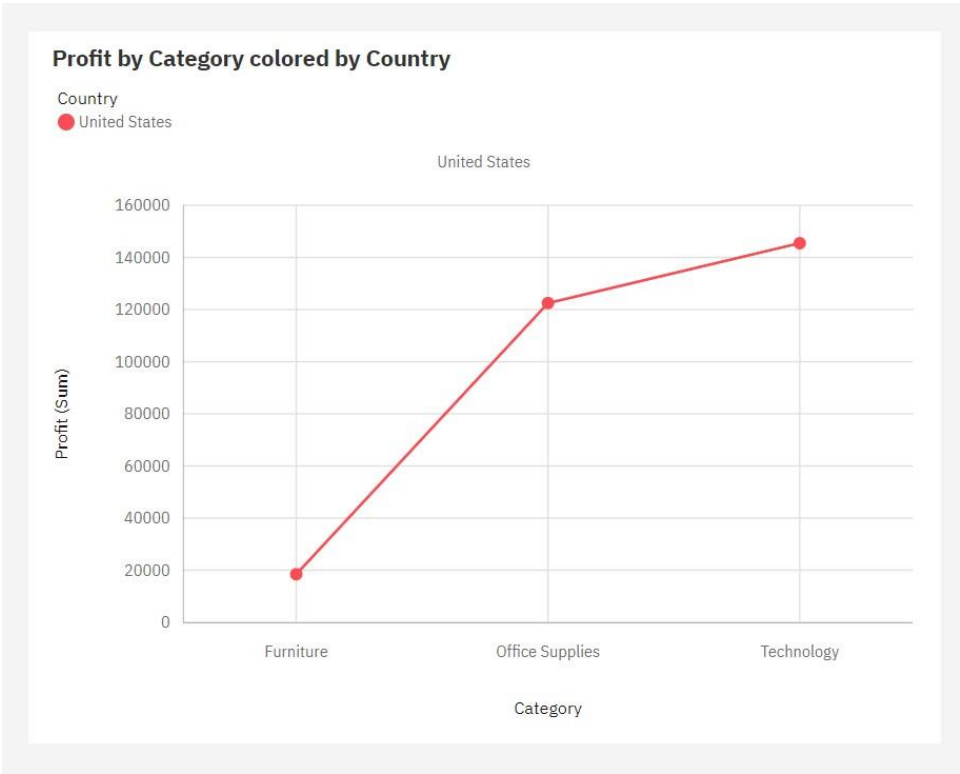
RADIAL:



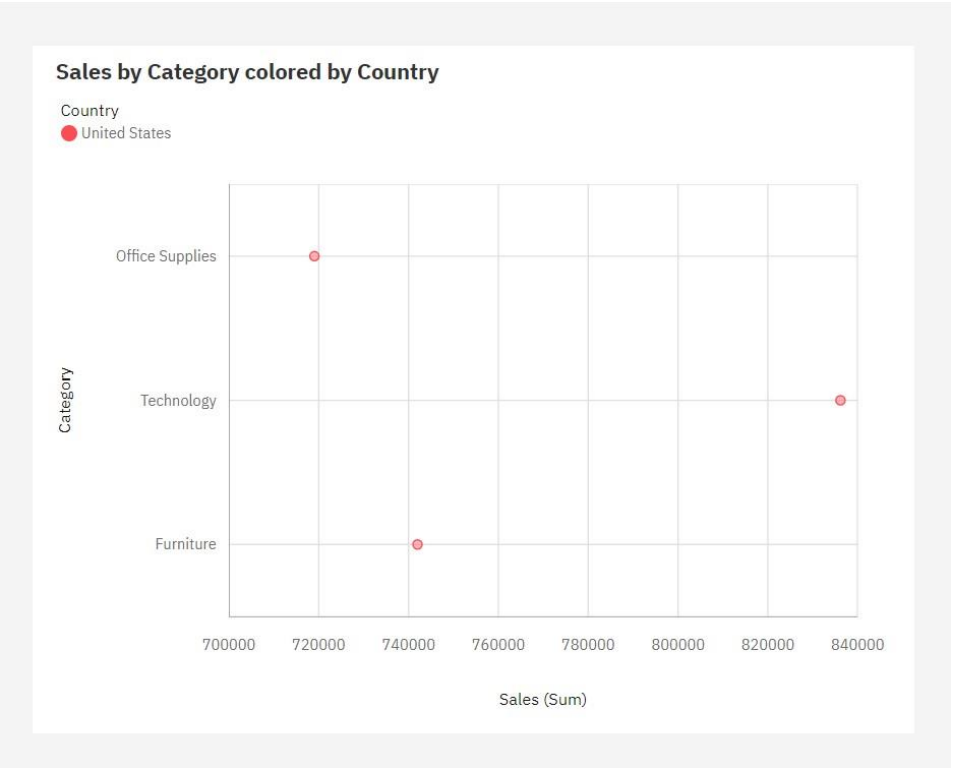
HIERARCHY BUBBLE:



LINE:



SCATTER PLOT:



MAP:

