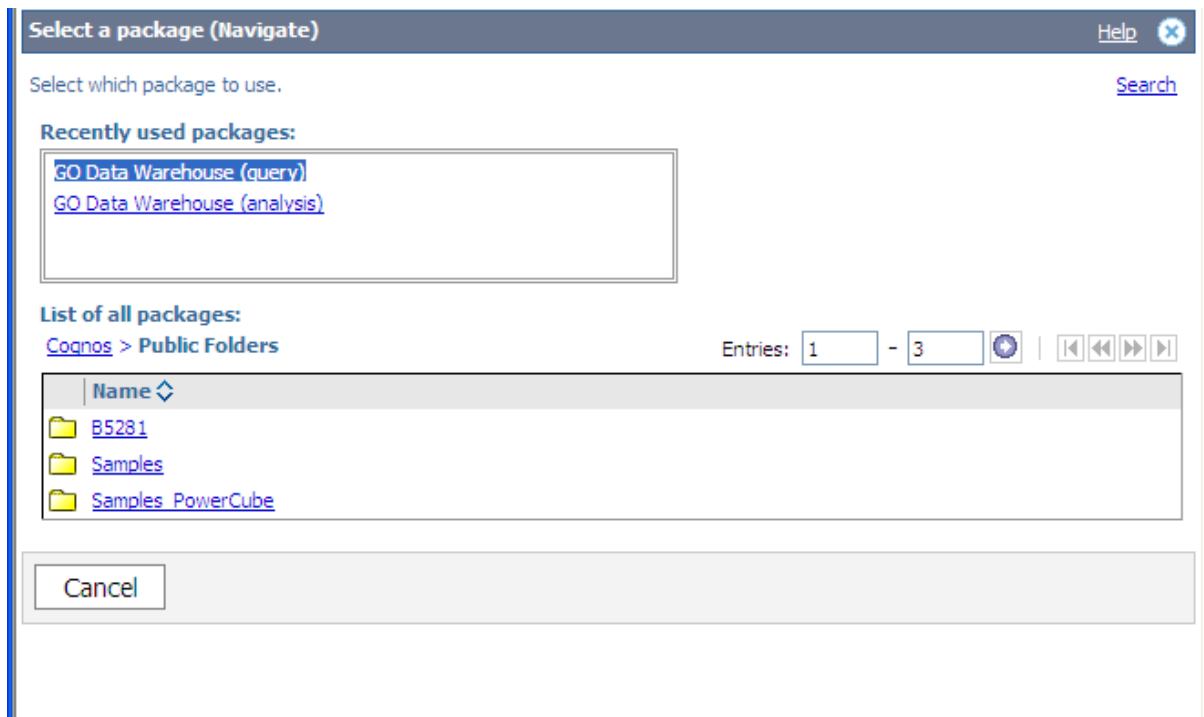


BUSINESS INTELLIGENCE(16/09/19)

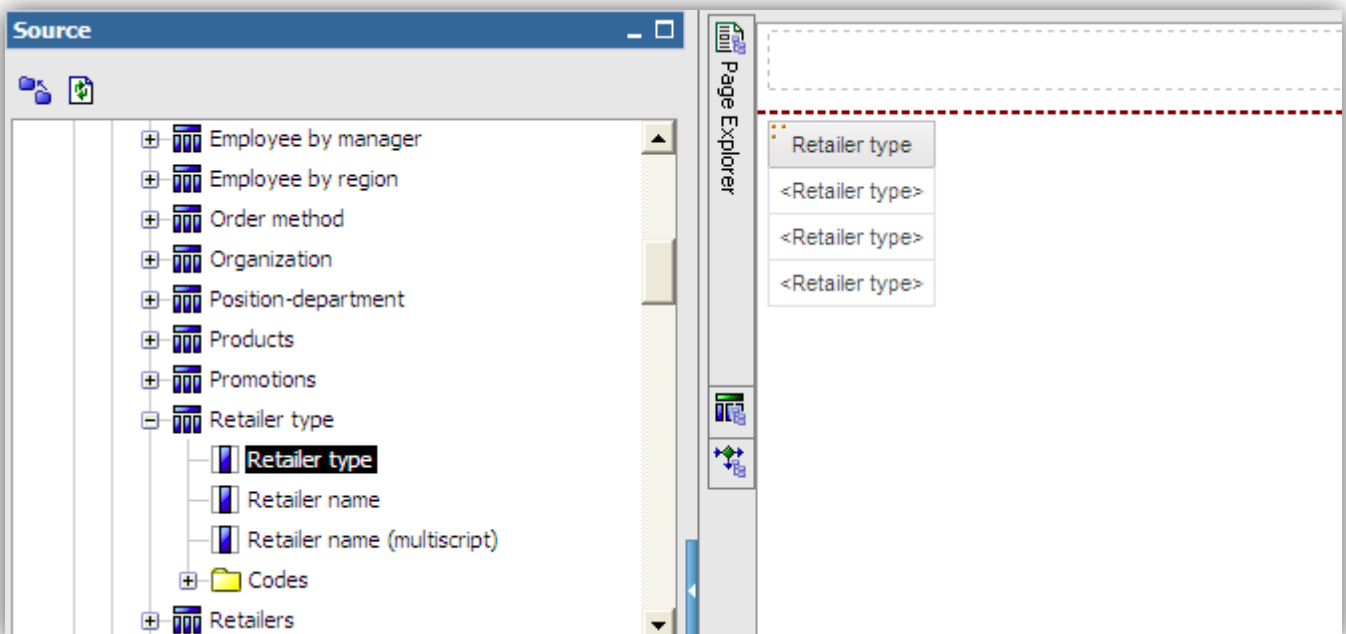
Vatsal Raj Krishna(34,G2)

TASK 1:

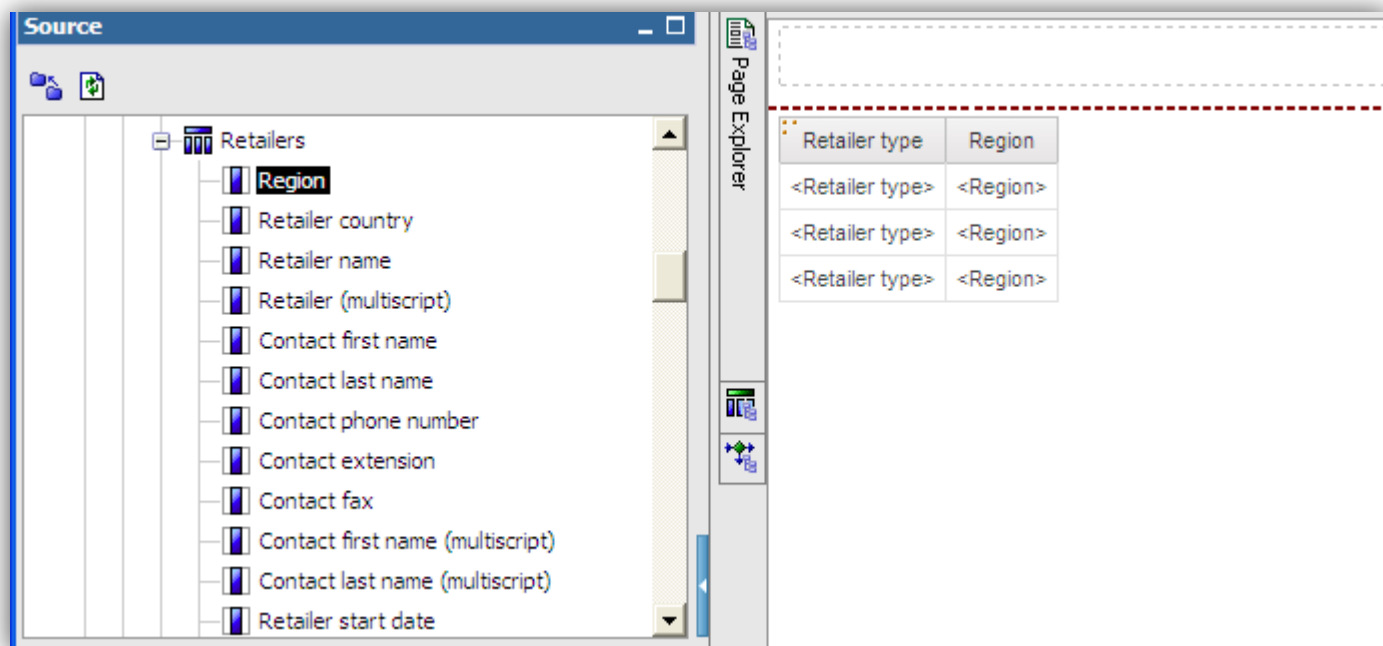


TASK 2: ADD THE FOLLOWING ITEMS:

A) RETAILER TYPE: RETAILER TYPE



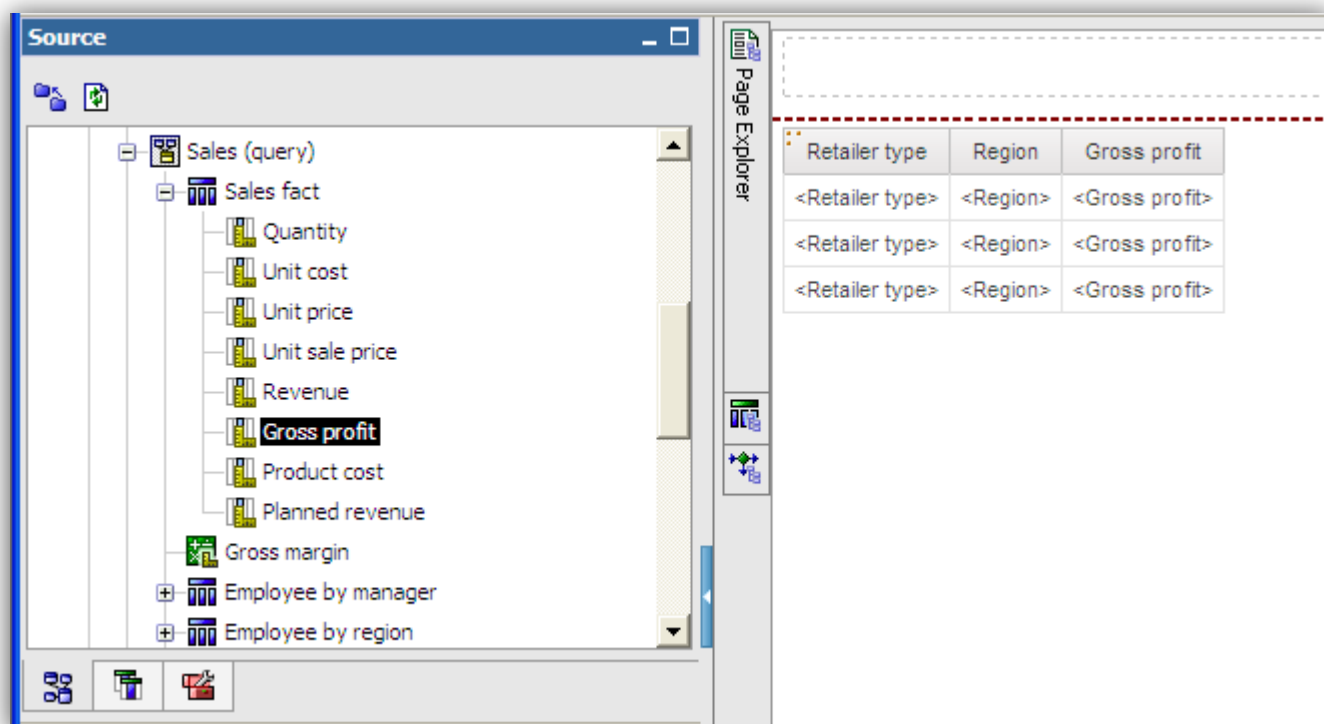
B) RETAILERS: REGION



The 'Source' pane displays the 'Retailers' table structure. The 'Region' field is highlighted. The 'Page Explorer' pane shows a table with the following structure:

Retailer type	Region
<Retailer type>	<Region>
<Retailer type>	<Region>
<Retailer type>	<Region>

C) SALES FACT: GROSS PROFIT



The 'Source' pane displays the 'Sales (query)' table structure. The 'Gross profit' field is highlighted. The 'Page Explorer' pane shows a table with the following structure:

Retailer type	Region	Gross profit
<Retailer type>	<Region>	<Gross profit>
<Retailer type>	<Region>	<Gross profit>
<Retailer type>	<Region>	<Gross profit>

TASK 3: GROUP RETAILER TYPE

Page Explorer

Retailer type	Region	Gross profit
<Retailer type>	<Region>	<Gross profit>
<Retailer type>	<Region>	<Gross profit>

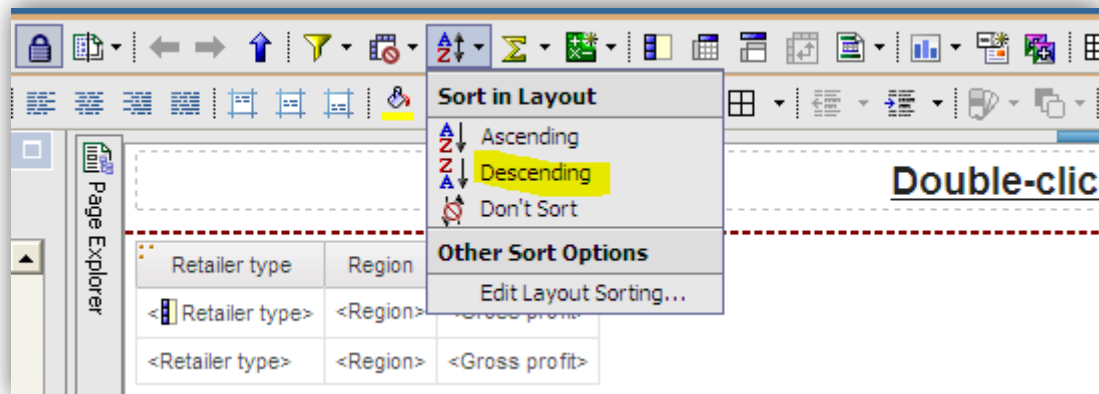
IBM Cognos Viewer

Retailer type	Region	Gross profit
Department Store	Americas	111,543,822.41
	Asia Pacific	98,425,260.8
	Central Europe	77,587,318.45
	Northern Europe	39,559,098.97
	Southern Europe	36,177,713.46
Direct Marketing	Americas	6,419,647.17
	Asia Pacific	10,763,419
	Central Europe	7,054,511
	Northern Europe	3,932,561.37
	Southern Europe	2,270,788.95
Equipment Rental Store	Americas	7,156,535.25
	Asia Pacific	7,098,727.46
	Central Europe	3,506,653.45
	Northern Europe	1,199,961.34
	Southern Europe	1,086,629.4
Eyewear Store	Americas	29,085,721.53
	Asia Pacific	19,734,036.18
	Central Europe	21,991,027.95
	Northern Europe	15,968,895.29
	Southern Europe	3,418,230.39

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TASK 4: SORT GROSS PROFIT AS DESCENDING

DESCENDING ORDER



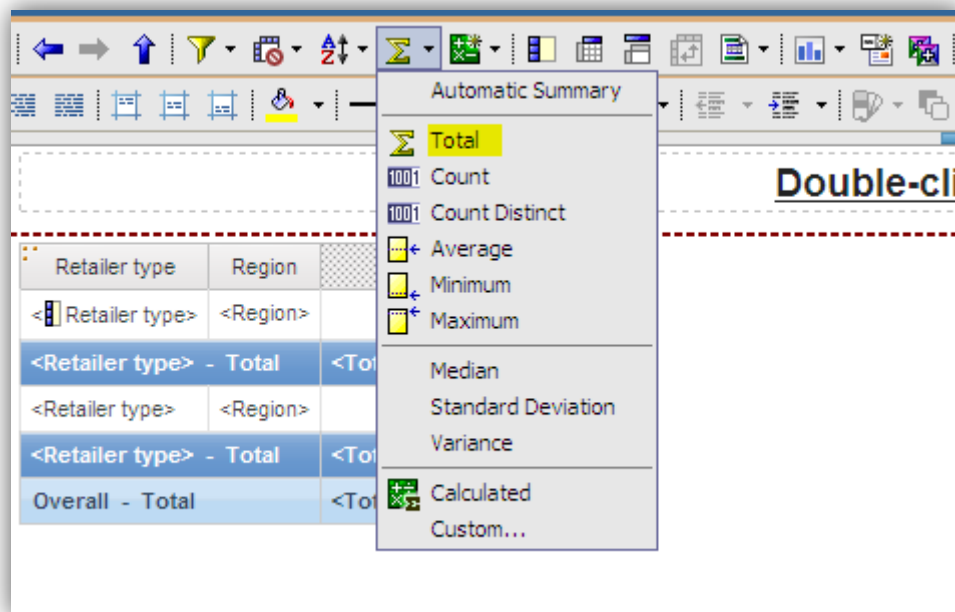
Retailer type	Region	Gross profit
<Retailer type>	<Region>	<Gross profit>
<Retailer type>	<Region>	<Gross profit>

Retailer type	Region	Gross profit
Department Store	Americas	111,543,822.41
	Asia Pacific	98,425,260.8
	Central Europe	77,587,318.45
	Northern Europe	39,559,098.97
	Southern Europe	36,177,713.46
Direct Marketing	Asia Pacific	10,763,419
	Central Europe	7,054,511
	Americas	6,419,647.17
	Northern Europe	3,932,561.37
	Southern Europe	2,270,788.95
Equipment Rental Store	Americas	7,156,535.25
	Asia Pacific	7,098,727.46
	Central Europe	3,506,653.45
	Northern Europe	1,199,961.34
	Southern Europe	1,086,629.4
Eyewear Store	Americas	29,085,721.53
	Central Europe	21,991,027.95
	Asia Pacific	19,734,036.18
	Northern Europe	15,968,895.29
	Southern Europe	3,418,230.39

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TASK 5: AGGREGATE GROSS PROFIT BY TOTAL

AGGREGATION THROUGH TOTAL



Retailer type	Region	Gross profit
Department Store	Americas	111,543,822.41
	Asia Pacific	98,425,260.8
	Central Europe	77,587,318.45
	Northern Europe	39,559,098.97
	Southern Europe	36,177,713.46
Department Store - Total		363,293,214.09
Direct Marketing	Asia Pacific	10,763,419
	Central Europe	7,054,511
	Americas	6,419,647.17
	Northern Europe	3,932,561.37
	Southern Europe	2,270,788.95
Direct Marketing - Total		30,440,927.49
Equipment Rental Store	Americas	7,156,535.25
	Asia Pacific	7,098,727.46
	Central Europe	3,506,653.45
	Northern Europe	1,199,961.34
	Southern Europe	1,086,629.4
Equipment Rental Store - Total		20,048,506.9
Eyewear Store	Americas	29,085,721.53
	Central Europe	21,991,027.95