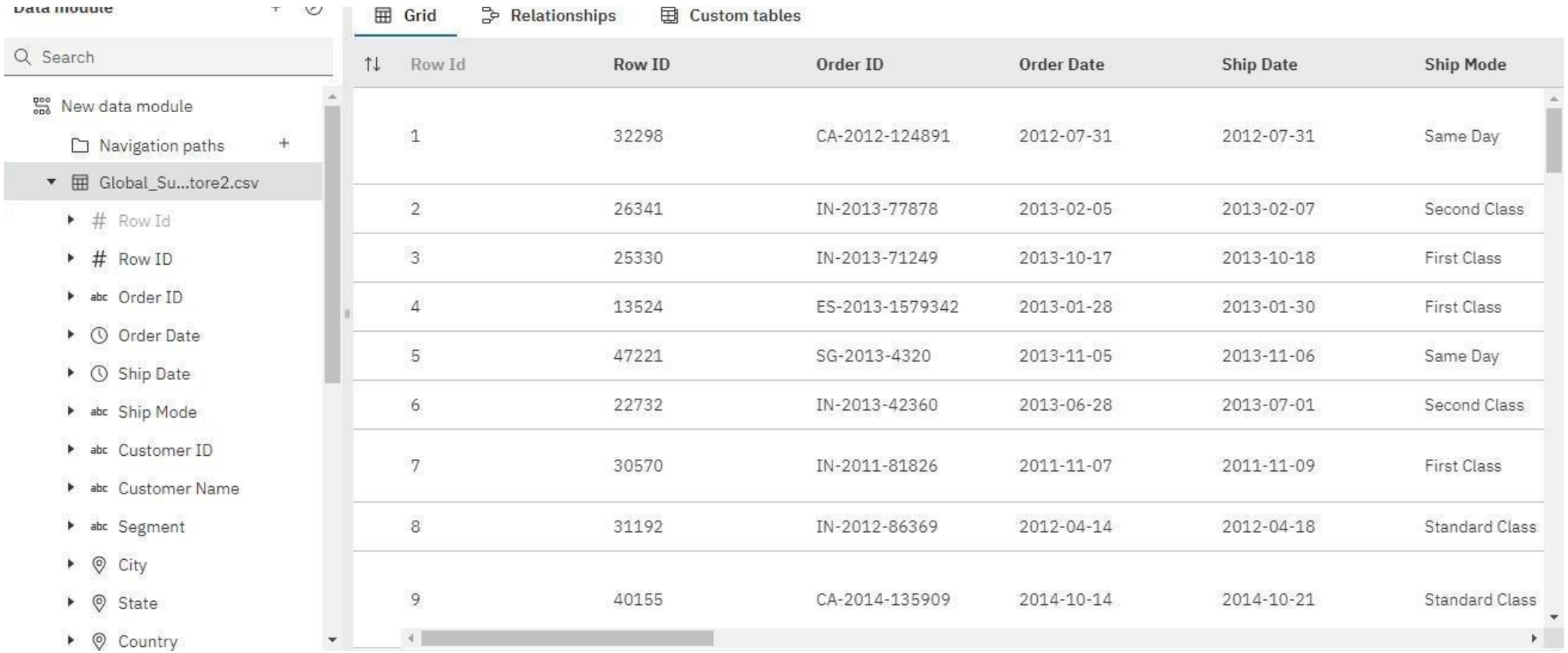
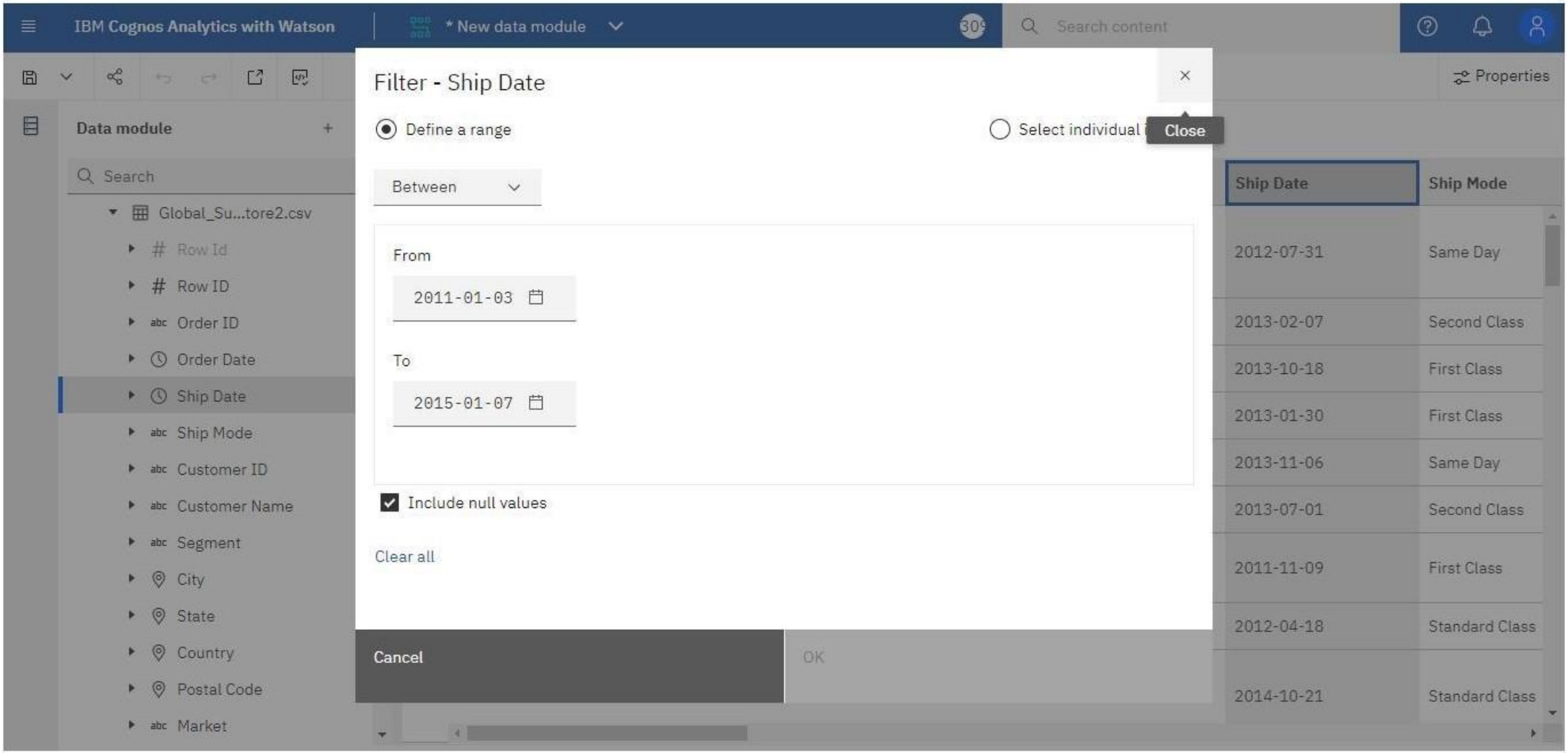
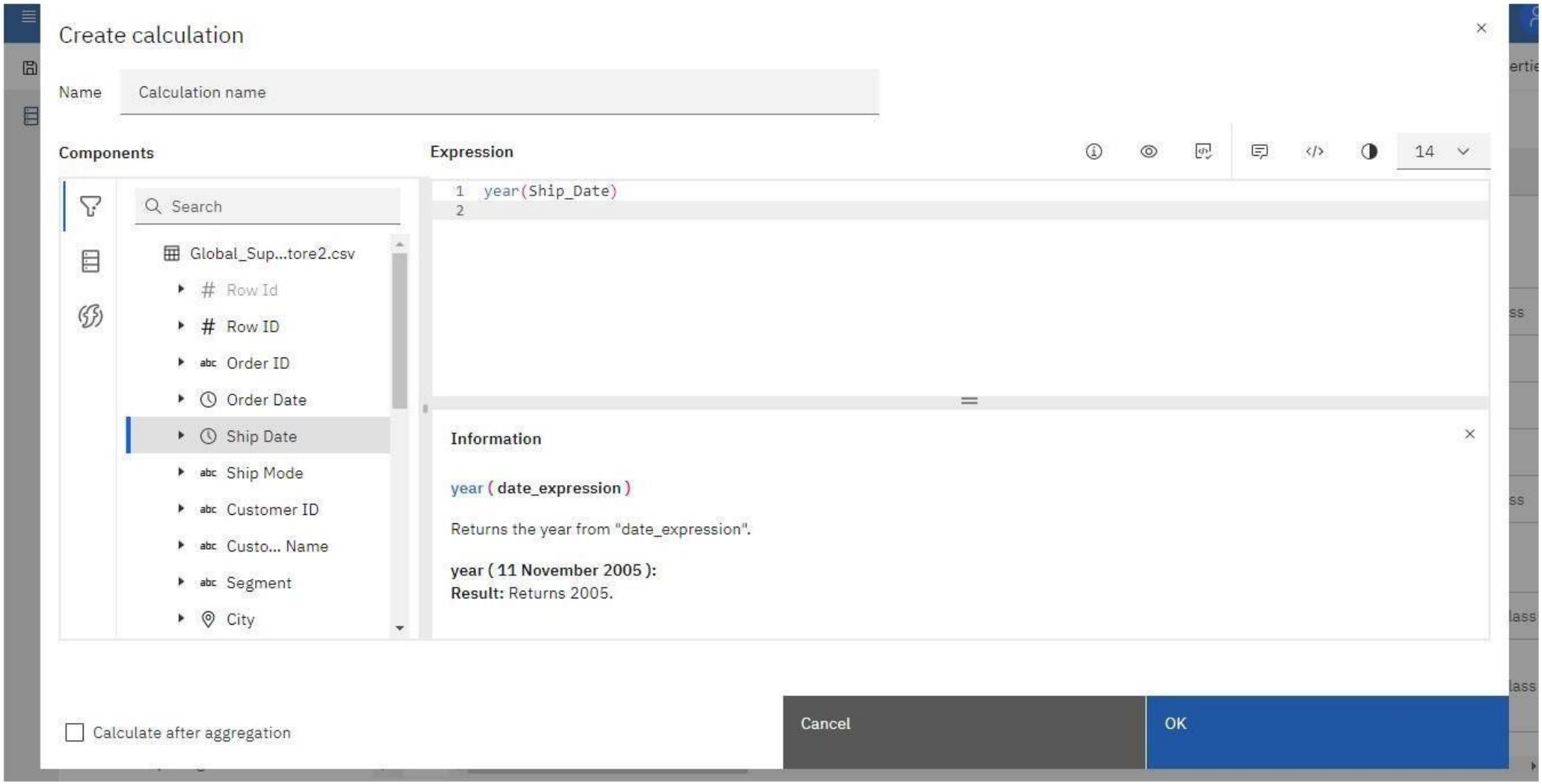
Preparing the Dataset

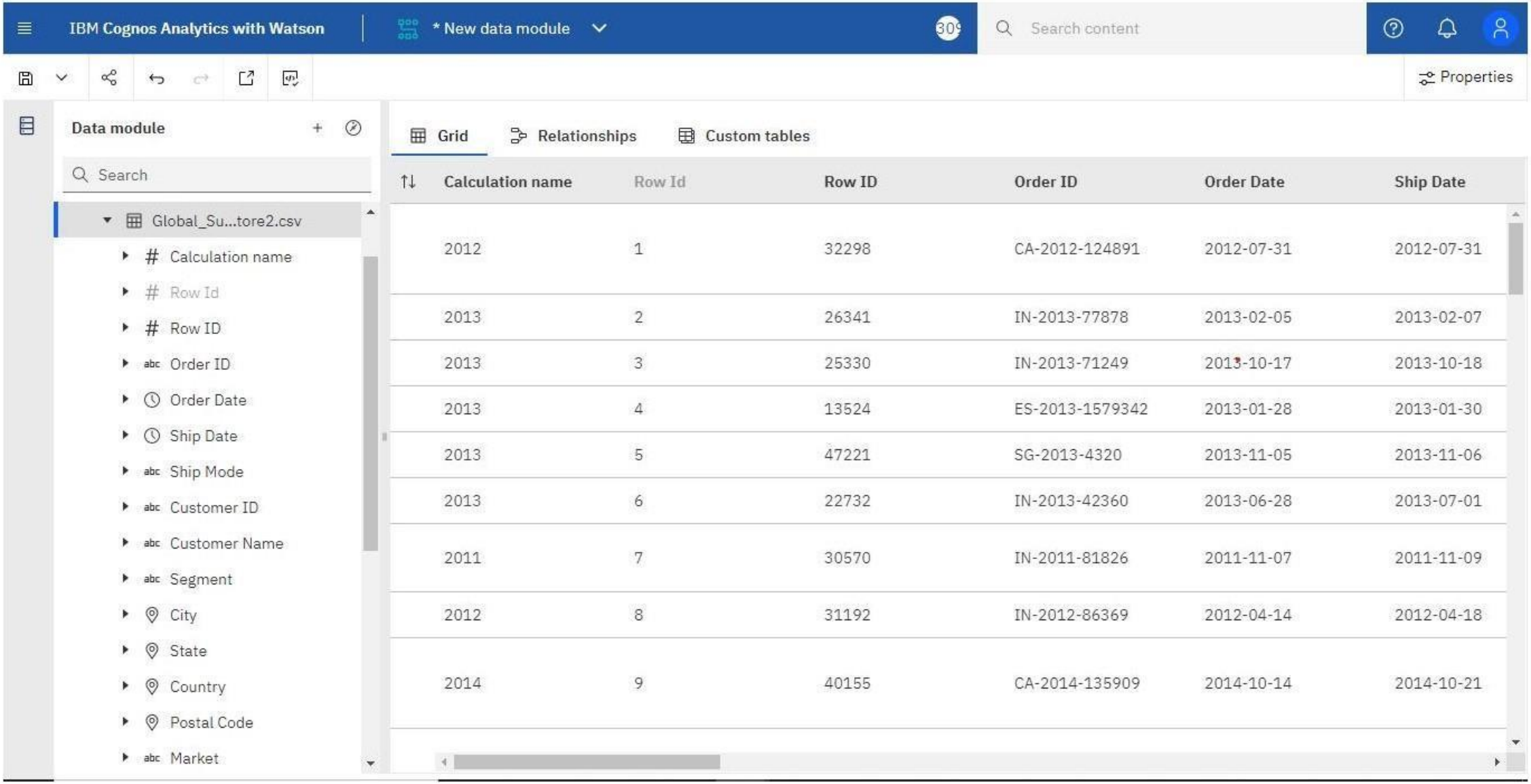
Team ID	PNT2022TMlD06631
Project	Global Sales Data Analytics
Roll No	61071911138



Row Id	Row ID	Order ID	Order Date	Ship Date	Ship Mode
1	32298	CA-2012-124891	2012-07-31	2012-07-31	Same Day
2	26341	IN-2013-77878	2013-02-05	2013-02-07	Second Class
3	25330	IN-2013-71249	2013-10-17	2013-10-18	First Class
4	13524	ES-2013-1579342	2013-01-28	2013-01-30	First Class
5	47221	SG-2013-4320	2013-11-05	2013-11-06	Same Day
6	22732	IN-2013-42360	2013-06-28	2013-07-01	Second Class
7	30570	IN-2011-81826	2011-11-07	2011-11-09	First Class
8	31192	IN-2012-86369	2012-04-14	2012-04-18	Standard Class
9	40155	CA-2014-135909	2014-10-14	2014-10-21	Standard Class


IBM Cognos Analytics with Watson
* New data module
Search content
Properties
Data module
Search
Global_Su...tore2.csv
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer Name
Segment
City
State
Country
Postal Code
Market
Filter - Ship Date
Define a range
Select individual
Close
Between
From
2011-01-03
To
2015-01-07
Include null values
Clear all
Cancel
OK
Ship Date
Ship Mode
2012-07-31
Same Day
2013-02-07
Second Class
2013-10-18
First Class
2013-01-30
First Class
2013-11-06
Same Day
2013-07-01
Second Class
2011-11-09
First Class
2012-04-18
Standard Class
2014-10-21
Standard Class


Create calculation
Name
Calculation name
Components
Expression
14
Search
Global_Sup...tore2.csv
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Custo... Name
Segment
City
1 year(Ship_Date)
2
Information
year (date_expression)
Returns the year from "date_expression".
year (11 November 2005):
Result: Returns 2005.
Calculate after aggregation
Cancel
OK


IBM Cognos Analytics with Watson
* New data module
Search content
Properties
Data module
Search
Global_Su...tore2.csv
Calculation name
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer Name
Segment
City
State
Country
Postal Code
Market
Grid
Relationships
Custom tables
Calculation name
Row Id
Row ID
Order ID
Order Date
Ship Date
2012 1 32298 CA-2012-124891 2012-07-31 2012-07-31
2013 2 26341 IN-2013-77878 2013-02-05 2013-02-07
2013 3 25330 IN-2013-71249 2013-10-17 2013-10-18
2013 4 13524 ES-2013-1579342 2013-01-28 2013-01-30
2013 5 47221 SG-2013-4320 2013-11-05 2013-11-06
2013 6 22732 IN-2013-42360 2013-06-28 2013-07-01
2011 7 30570 IN-2011-81826 2011-11-07 2011-11-09
2012 8 31192 IN-2012-86369 2012-04-14 2012-04-18
2014 9 40155 CA-2014-135909 2014-10-14 2014-10-21