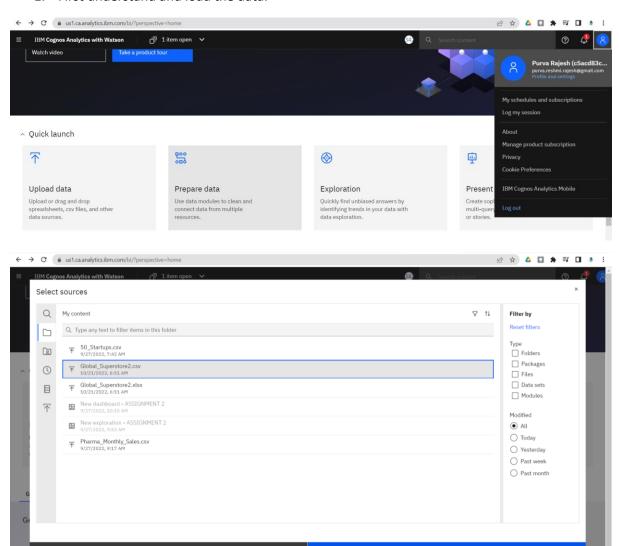
PREPARE THE DATASET

PROJECT: Global Data Sales Analytics

DATA PREPARATION

1. First understand and load the data.



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2. Since there is only single file, there need not be relationships or custom tables for the data.

▶ ⊚ Postal Code

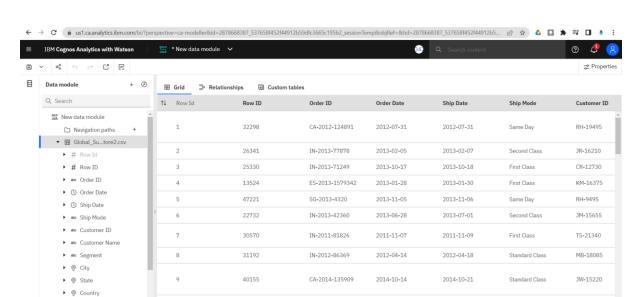
▶ abc Market▶ ⊚ Region

10

11

40936

34577



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3. To Prepare the data, we need to verify it is clean. There must be no null values. If there are null values, there will be empty data.

CA-2012-116638

CA-2011-102988

2012-01-28

2011-04-05

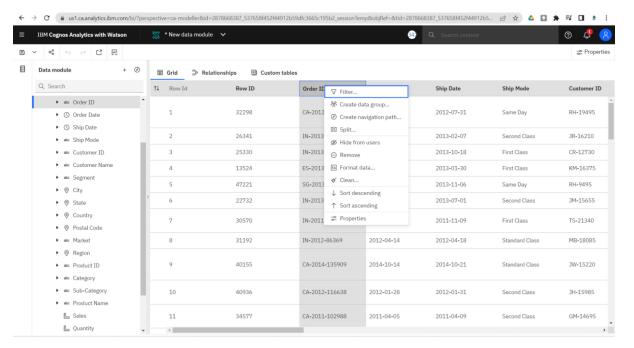
2012-01-31

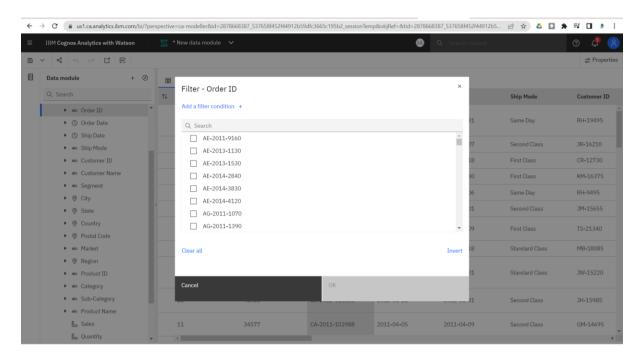
2011-04-09

Second Class

JH-15985

GM-14695





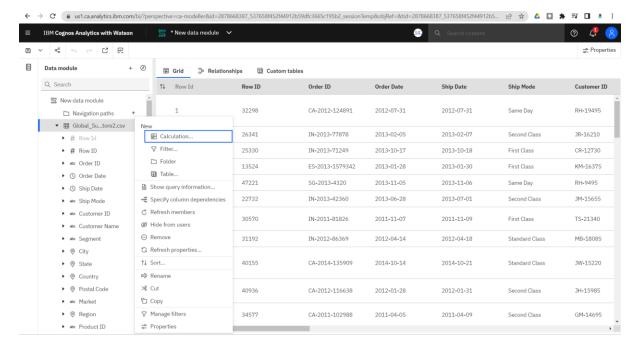
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4. Once cleaned, the data is saved.

DATE CALCULATIONS AND NAVIGATION PATHS

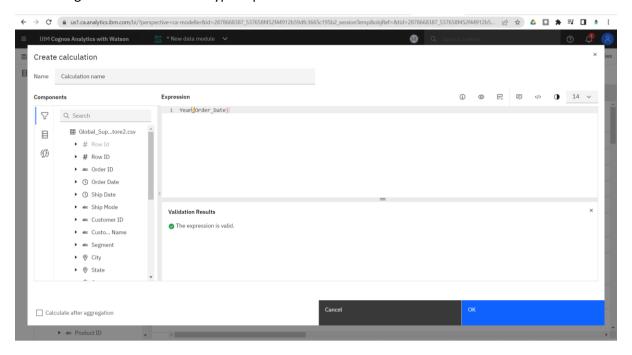
Once you load the data, we need to Prepare the data.

- a. Prepare Calculations of Year, Month, Day fields and also the related Navigation path
- b. Create a Few more Calculations Target Sales, Min Sales, Max Sales, Middle Range Sales.



1. Right click> calculation> type expression> validate> Set Name as 'Order Year'

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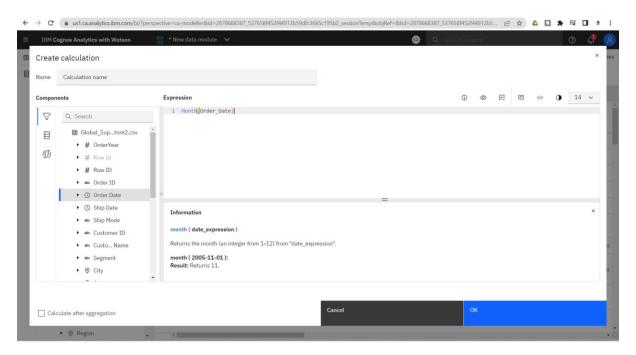
2. Similarly, 'OrderMonth', 'OrderDay' and 'All'

OrderYear -> Year (Order_Date)

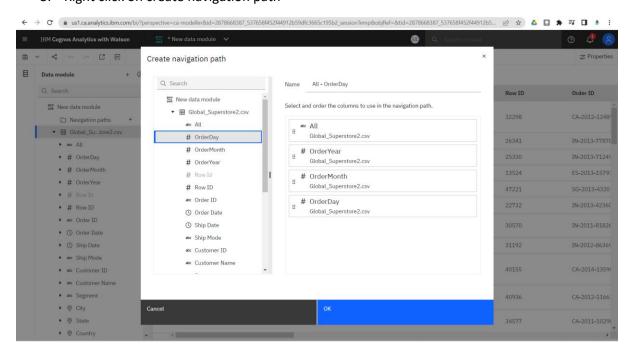
OrderMonth -> Month (Order_Date)

OrderDay -> Day (Order_Date)

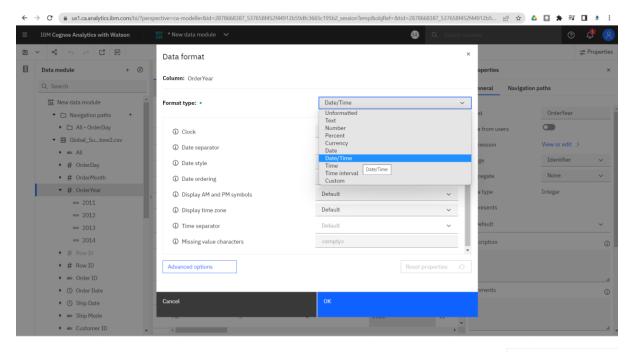
All -> All



3. Right click on create navigation path



4. Data format> Date/Time



5. Properties> Usage-> Attribute

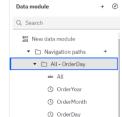
Aggregate-> Count Distinct

Data Type-> Integer

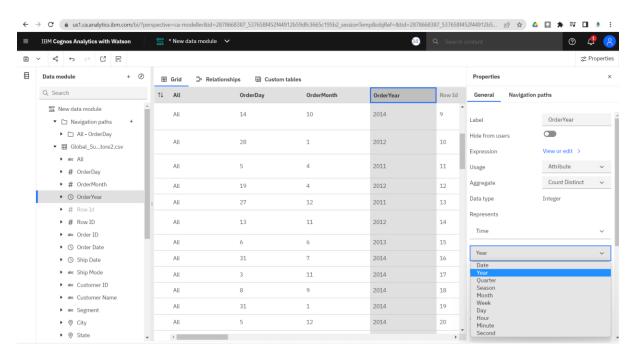
Represents-> Time, (Year, Month, Day Respectively)

Display Options-> Show Members

This way it becomes a Numerical data Type



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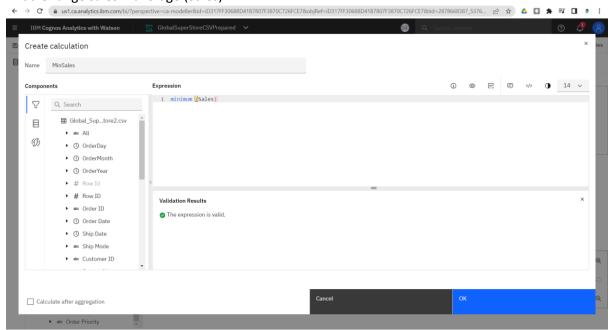
6. Hence calculations for day, month and year are completed.

Once you load the data, we need to Prepare the data.

- a. Prepare Calculations of Year, Month, Day fields and also the related Navigation path
- b. Create a Few more Calculations Target Sales, Min Sales, Max Sales, Middle Range Sales.
 - 7. Similarly, calculations for Target sales, Min sales, Max Sales and Middle range sales are done Min sales-> minimum (Sales)

Max sales, Target sales-> maximum (Sales)

Middle range sales-> average (Sales)



8. Hence the calculations for Target sales, Min sales, Max Sales and Middle range sales are completed.