

Prepare The Dataset

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The screenshot shows a data tool interface. On the left is a 'Data module' sidebar with a search bar and a list of fields: Row Id, Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, City, State, and Country. The main area displays a table with 9 rows and 7 columns. The columns are Row Id, Row ID, Order ID, Order Date, Ship Date, and Ship Mode. The data is as follows:

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

30°

Search content

?

Filter - Ship Date

×

☒ Define a range

☐ Select individual

Between

▼

From

2011-01-03

To

2015-01-07

☒ Include null values

Clear all

Cancel

OK

Close

Data module

+

Search

Global_Su...tore2.csv

▶ # Row Id

▶ # Row ID

▶ abc Order ID

▶ ⌚ Order Date

▶ ⌚ Ship Date

▶ abc Ship Mode

▶ abc Customer ID

▶ abc Customer Name

▶ abc Segment

▶ 📍 City

▶ 📍 State

▶ 📍 Country

▶ 📍 Postal Code

▶ abc Market

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
- ▶ abc Order ID
- ▶ ⌚ Order Date
- ▶ ⌚ Ship Date
- ▶ abc Ship Mode
- ▶ abc Customer ID
- ▶ abc Custo... Name
- ▶ abc 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

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* New data module

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Search content

Properties

Data module

Search

Global_Su...tore2.csv

Calculation name

Row Id

Row ID

abc Order ID

🕒 Order Date

🕒 Ship Date

abc Ship Mode

abc Customer ID

abc Customer Name

abc Segment

📍 City

📍 State

📍 Country

📍 Postal Code

abc 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