

Preparing the Dataset

Team ID	PNT2022TMID06631
Project	Global Sales Data Analytics
Roll No	61071911135

Data Wrangler

Search

New data module

Navigation paths

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

Grid Relationships Custom tables

↑↓	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

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Data module

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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

Filter - Ship Date

✕

☒ Define a range

☐ Select individual values

Between

▼

From

2011-01-03

📅

To

2015-01-07

📅

☒ Include null values

Clear all

Cancel

OK

Close

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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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