


Sprint - 2 Deliverables

USN-3: Working with the datasets (Understanding and loading)



Create

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Global Super Store Dataset

DataCode (9)Discussion (2)

56New NotebookDownload (12 MB)

BusinessOnline CommunitiesRetail and ShoppingE-Commerce Services

Global_Superstore2.csv (12.09 MB)

DetailCompactColumn

10 of 24 columns

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer
1	51.3k	25035 unique values	1430 unique values	1464 unique values	Standard Class 60% Second Class 20% Other (10206) 20%
32298	CA-2012-124891	31-07-2012	31-07-2012	Same Day	RH-19495
26341	IN-2013-77878	05-02-2013	07-02-2013	Second Class	JR-16218
25339	IN-2013-71249	17-10-2013	18-10-2013	First Class	CR-12738
13524	ES-2013-1579342	28-01-2013	30-01-2013	First Class	KK-16375
47221	SO-2013-4328	05-11-2013	06-11-2013	Same Day	RH-9495
22732	IN-2013-43268	28-06-2013	01-07-2013	Second Class	JM-15655
39578	IN-2011-81826	07-11-2011	09-11-2011	First Class	TS-21348
31192	IN-2012-86369	14-04-2012	18-04-2012	Standard Class	MB-10885
48155	CA-2014-135999	14-10-2014	21-10-2014	Standard Class	JW-15328
48936	CA-2012-116638	28-01-2012	31-01-2012	Second Class	JH-15985
34577	CA-2011-182988	05-04-2011	09-04-2011	Second Class	GM-14895
28879	ID-2012-28482	19-04-2012	22-04-2012	First Class	AJ-19788

Data Explorer

Version 2 (2013 MB)

Global_Superstore2.csvGlobal_Superstore2.xlsx

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USN-4: Preparing the datasets and performing required calculations

Create calculation

Name: Order Month

Expression: 1 month[Order_Date]

Components:

- Global_Superstore.csv
 - # Order Year
 - # Row Id
 - # Row ID
 - Order ID
 - Order Date
 - Ship Date
 - Ship Mode
 - Customer ID
 - Customer Name
 - Segment
 - City
 - State
 - Country
 - Postal Code
 - Market

Preview (Execution time: 1.022 seconds)

Order Month	Order Date
7	2012-07-31
2	2013-02-05
10	2013-10-17
1	2013-01-28
11	2013-11-05
6	2013-06-28

☐ Calculate after aggregation

Cancel OK

Create navigation path

Name: Order Date

Select and order the columns to use in the navigation path.

- # Order Day
Global_Superstore.csv
- # Order Month
Global_Superstore.csv
- # Order Year
Global_Superstore.csv

Cancel OK

Background Data Grid:

Order Date	Ship Date	Ship Mode
2012-07-31	2012-07-31	Same Day
2013-02-05	2013-02-07	Second Class
2013-10-17	2013-10-18	First Class
2013-01-28	2013-01-30	First Class
2013-11-05	2013-11-06	Same Day
2013-06-28	2013-07-01	Second Class
2011-11-07	2011-11-09	First Class
2012-04-14	2012-04-18	Standard Class
2014-10-14	2014-10-21	Standard Class
2012-01-28	2012-01-31	Second Class
2011-04-05	2011-04-09	Second Class
2012-04-19	2012-04-22	First Class
2011-12-27	2011-12-29	Second Class
2012-11-13	2012-11-13	Same Day

IBM Cognos Analytics with Watson

New data module

Search

Data module

Search

New data module

- Navigation paths
 - Order Date
 - Order Day
 - Order Month
 - Order Year
- Global_Superstore.csv
 - Order Day
 - Order Month
 - Order Year
 - Row Id
 - Row ID
 - Order ID
 - Order Date
 - Ship Date
 - Ship Mode
 - Customer ID
 - Customer Name
 - Segment
 - City
 - State
 - Country
 - Postal Code

Grid

T1	Order Day	Order Month	Order Year	Row Id	Row ID	Order ID	Order Date
31	7	2012	1	32298	CA-2012-124891	2012-07-31	
5	2	2013	2	26341	IN-2013-77878	2013-02-05	
17	10	2013	3	25330	IN-2013-71249	2013-10-17	
28	1	2013	4	13524	ES-2013-1579342	2013-01-28	
5	11	2013	5	47221	SG-2013-4320	2013-11-05	
28	6	2013	6	22732	IN-2013-42360	2013-06-28	
7	11	2011	7	30570	IN-2011-81826	2011-11-07	
14	4	2012	8	31192	IN-2012-86369	2012-04-14	
14	10	2014	9	40155	CA-2014-135909	2014-10-14	
28	1	2012	10	40936	CA-2012-116638	2012-01-28	
5	4	2011	11	34577	CA-2011-102988	2011-04-05	
19	4	2012	12	28879	ID-2012-28402	2012-04-19	
27	12	2011	13	45794	SA-2011-1830	2011-12-27	
13	11	2012	14	4132	MX-2012-130015	2012-11-13	

Properties

General

Navigation paths

Label

Order Year

Hide from users

Expression

View or edit

Usage

Identifier

Aggregate

None

Data type

Integer

Represents

Time

Year

Description

Comments

Screen tip

IBM Cognos Analytics with Watson

Global Store Dashboard

Search

Analytics

Filters

Fields

Properties

Selected sources

Global_Superstore2.csv

Search

Navigation paths

- Global_Superstore2.csv
 - Middle Sales Range
 - Max Sales Range
 - Min Sales Range
 - Target Sales
 - Order Day
 - Order Month
 - Order Year
 - Row ID
 - Order ID
 - Order Date
 - Ship Date
 - Ship Mode
 - Customer ID
 - Customer Name
 - Segment
 - City
 - State
 - Country
 - Postal Code

Global_Superstore2.csv

T1	Middle Sales Range	Max Sales Range	Min Sales Range	Target Sales	Order Day	Order Month	Order Year	Row ID	Order ID
2078.685	2771.58	1616.7549999999999	2540.6150000000002	31	7	2012	32298	CA-2012-124891	
3338.4555	4451.2739999999999	2596.5764999999999	4080.3345000000004	5	2	2013	26341	IN-2013-77878	
4657.6539	6210.2052	3622.6196999999999	5692.6881000000001	17	10	2013	25330	IN-2013-71249	
2603.2590000000005	3471.012	2024.757	3181.7610000000004	28	1	2013	13524	ES-2013-1579342	
2549.664	3399.552	1983.072	3116.2560000000003	5	11	2013	47221	SG-2013-4320	
2576.4075000000003	3435.21	2003.8725	3148.9425000000006	28	6	2013	22732	IN-2013-42360	
1639.872	2186.4959999999996	1275.456	2004.288	7	11	2011	30570	IN-2011-81826	
4720.3560000000001	6293.808	3671.388	5769.3240000000005	14	4	2012	31192	IN-2012-86369	
4575.564	6100.7519999999995	3558.772	5592.3560000000001	14	10	2014	40155	CA-2014-135909	
3867.8796	5157.1728	3008.3508	4727.4084	28	1	2012	40936	CA-2012-116638	
3747.6450000000004	4996.86	2914.835	4580.4550000000001	5	4	2011	34577	CA-2011-102988	
4163.535	5551.3799999999999	3238.3049999999994	5088.765	19	4	2012	28879	ID-2012-28402	
2355.264	3140.352	1831.8719999999998	2878.6560000000004	27	12	2011	45794	SA-2011-1830	
1999.6200000000001	2666.1600000000003	1555.26	2443.9800000000005	13	11	2012	4132	MX-2012-130015	