

Project Development Phase

Sprint - 1

Team ID	PNT2022TMID45296
Project Name	GLOBAL SALES DATA ANALYSIS

The screenshot shows the IBM Cognos Analytics interface. A 'Filter - Ship Date' dialog box is open, displaying a list of dates with checkboxes. The background shows a data table with 'Ship Date' and 'Ship Mode' columns.

Filter - Ship Date

Add a filter condition +

Search

- ☐ 01-01-2012
- ☐ 01-01-2013
- ☐ 01-01-2014
- ☐ 01-01-2015
- ☐ 01-02-2011
- ☐ 01-02-2012
- ☐ 01-02-2013
- ☐ 01-02-2014

Clear all Invert

Cancel OK

Data module

Search

- ▶ ⌚ Ship Date
- ▶ abc Ship Mode
- ▶ abc Customer ID
- ▶ abc Customer Name
- ▶ abc Segment
- ▶ 📍 City
- ▶ 📍 State
- ▶ 📍 Country
- ▶ 📍 Postal Code
- ▶ abc Market
- ▶ 📍 Region
- ▶ abc Product ID
- ▶ abc Category
- ▶ abc Sub-Category

Properties

Ship Date	Ship Mode
31-07-2012	Same Day
07-02-2013	Second Class
18-10-2013	First Class
30-01-2013	First Class
06-11-2013	Same Day
01-07-2013	Second Class
09-11-2011	First Class
18-04-2012	Standard Class
21-10-2014	Standard Class

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IBM Cognos Analytics with WatsonData Preparation Module29Search content

Properties

Data module

Search

▶ Ship Date

▶ abc Ship Mode

▶ abc Customer ID

▶ abc Customer Name

▶ abc Segment

▶ City

▶ State

▶ Country

▶ Postal Code

▶ abc Market

▶ Region

▶ abc Product ID

▶ abc Category

▶ abc Sub-Category

GridRelationshipsCustom tables

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

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IBM Cognos Analytics with Watson

Data Preparation Module

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Search content

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Properties

Data module

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🔍 Search

▶ ⌚ Ship Date

▶ abc Ship Mode

▶ abc Customer ID

▶ abc Customer Name

▶ abc Segment

▶ 📍 City

▶ 📍 State

▶ 📍 Country

▶ 📍 Postal Code

▶ abc Market

▶ 📍 Region

▶ abc Product ID

▶ abc Category

▶ abc Sub-Category

📊 Grid

🔗 Relationships

📄 Custom tables

↕	e	Ship Mode	Customer ID	Customer Name	Segment	City	S
012		Same Day	RH-19495	Rick Hansen	Consumer	New York City	
013		Second Class	JR-16210	Justin Ritter	Corporate	Wollongong	
013		First Class	CR-12730	Craig Reiter	Consumer	Brisbane	
013		First Class	KM-16375	Katherine Murray	Home Office	Berlin	
013		Same Day	RH-9495	Rick Hansen	Consumer	Dakar	
013		Second Class	JM-15655	Jim Mitchum	Corporate	Sydney	
011		First Class	TS-21340	Toby Swindell	Consumer	Porirua	
012		Standard Class	MB-18085	Mick Brown	Consumer	Hamilton	
014		Standard Class	JW-15220	Jane Waco	Corporate	Sacramento	

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IBM Cognos Analytics with WatsonData Preparation Module29Search contentProperties

Data module

Search

▶ Ship Date

▶ Ship Mode

▶ Customer ID

▶ Customer Name

▶ Segment

▶ City

▶ State

▶ Country

▶ Postal Code

▶ Market

▶ Region

▶ Product ID

▶ Category

▶ Sub-Category

GridRelationshipsCustom tables

	State	Country	Postal Code	Market	Region	P
↕						
< City	New York	United States	10024	US	East	
ong	New South Wales	Australia	Null	APAC	Oceania	
:	Queensland	Australia	Null	APAC	Oceania	
	Berlin	Germany	Null	EU	Central	
	Dakar	Senegal	Null	Africa	Africa	
	New South Wales	Australia	Null	APAC	Oceania	
	Wellington	New Zealand	Null	APAC	Oceania	
i	Waikato	New Zealand	Null	APAC	Oceania	
nto	California	United States	95823	US	West	

Type here to search

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IBM Cognos Analytics with Watson

Data Preparation Module

Filter - Product ID

Add a filter condition +

Search

- ☐ FUR-ADV-10000002
- ☐ FUR-ADV-10000108
- ☐ FUR-ADV-10000183
- ☐ FUR-ADV-10000188
- ☐ FUR-ADV-10000190
- ☐ FUR-ADV-10000571
- ☐ FUR-ADV-10000600
- ☐ FUR-ADV-10000847

Clear all Invert

Cancel OK

Product ID

TEC-AC-10003033
FUR-CH-10003950
TEC-PH-10004664
TEC-PH-10004583
TEC-SHA-10000501
TEC-PH-10000030
FUR-CH-10004050
FUR-TA-10002958
OFF-BI-10003527

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IBM Cognos Analytics with WatsonData Preparation Module29Search content

Properties

Data module

Search

StateCountryPostal Codeabc Marketabc Regionabc Product IDabc Categoryabc Sub-Categoryabc Product NameSalesQuantityDiscountProfitShipping Cost

Create calculation

Name

Quantity + 2

Expression

Quantity

+

2

↔

☐ Calculate after aggregation

Use calculation editor

Cancel

OK

	Sales	Quantity	
	2309.65	7	
	3709.395	9	
	5175.171	9	
	2892.51	5	
	2832.96	8	
	2862.675	5	
	1822.08	4	
10002958	Furniture	Tables	Chromcraft Conference Table, Fully Assembled
			Fellowes PB500 Electric Punch Plastic Comb
10003527	Office Supplies	Binders	Binding Machine with

Type here to search

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IBM Cognos Analytics with WatsonData Preparation Module29Search contentProperties

Data module

Search

Country

Postal Code

abcMarket

Region

abcProduct ID

abcCategory

abcSub-Category

abcProduct Name

Sales

Quantity

Discount

Profit

Shipping Cost

abcOrder Priority

GridRelationshipsCustom tables

	Name	Sales	Quantity	Discount	Profit	Shipping Cost	
	diNovo Edge 1	2249.91	9	0	517.4793	780.7	
	itove, Red	7958.58	14	0	3979.08	778.32	
	Fax Machine, Red	2565.594	9	0.1	28.404	766.93	
	id Stove, White	3409.74	6	0	818.28	763.38	
	puter Table, om Storage	1977.72	4	0	276.84	759.47	
	one 5S	2735.952	6	0.2	341.994	752.51	
	xecutive Armchair, Black	2754	6	0	358.02	752.47	
	id Refrigerator,	5273.7	10	0	1898.4	730.91	
	. Smart Phone,	1713.84	4	0	445.52	728.97	
	puter Table, embled	2106.496	8	0.2	526.496	728.39	
	nference Table,						

Type here to search

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The screenshot displays the IBM Cognos Analytics with Watson Data Preparation Module. The main window shows a data module with a grid view of data. The left sidebar contains a search bar and a list of fields. The right sidebar shows the properties for the selected 'Order Priority' field.

Data module

Search

- Country
- Postal Code
- Market
- Region
- Product ID
- Category
- Sub-Category
- Product Name
- Sales
- Quantity
- Discount
- Profit
- Shipping Cost
- Order Priority

Grid

Profit	Shipping Cost	Order Priority
762.1845	933.57	Critical
-288.765	923.63	Critical
919.971	915.49	Medium
-96.54	910.16	Medium
311.52	903.04	Critical
763.275	897.35	Critical
564.84	894.77	Critical
996.48	878.38	High
1906.485	867.69	Low

Properties

General

Label: Order Priority

Hide from users: ☐

Expression: [View or edit](#)

Usage: Identifier

Aggregate: Count Distinct

Data type: Text

Represents: Default

Description: [i](#)

Link :

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