

PROJECT DEVELOPMENT PHASE DELIVERY OF SPRINT-1

TEAM ID	PNT2022TMID28374
PROJECT NAME	GLOBAL SALES DATA ANALYTICS

PROJECT DEVELOPMENT PHASE:

SPRINT-1:

Registration and Data processing

SPRINT-2:

Data Pre-processing

SPRINT-3:

Dashboard Exploration and Creation

SPRINT-4:

Report Creation and Story Creation

TOOLS USED:

IBM Congos Analytics

SPRINT -1: REGISTRATION AND DATA UPLOAD

Data Collection

Download the Dataset: <https://www.kaggle.com/datasets/apoorvaappz/global-super-store-dataset>

IBM Cognos Analytics with Watson

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Hello. Welcome to Cognos Analytics with Watson.

You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

Watch video Take a product tour

Quick launch

Upload data
Upload or drag and drop spreadsheets, csv files, and other data sources.

Prepare data
Use data modules to clean and connect data from multiple resources.

Exploration
Quickly find unbiased answers by identifying trends in your data with data explor...

Present data
Create sophisticated, multi-page, multi-query dashboards, reports, or stori...

DATA PREPARATION

Prepare The Dataset:

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Global_Superstore2 Data prep

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Properties

Data module

Global_Su...tore2.csv

Grid Relationships Custom tables

Row Id	Row ID	Order Date	Ship Mode	Customer ID	Customer Name
1	32298	2012-07-31	Same Day	RH-19495	Rick Hansen
2	26341	2013-02-05	Second Class	JR-16210	Justin Ritter
3	25330	2013-10-17	First Class	CR-12730	Craig Reiter
4	13524	2013-01-28	First Class	KM-16375	Katherine Murre
5	47221	2013-11-05	Same Day	RH-9495	Rick Hansen
6	22732	2013-06-28	Second Class	JM-15655	Jim Mitchum
7	30570	2011-11-07	First Class	TS-21340	Toby Swindell
8	31192	2012-04-14	Standard Class	MB-18085	Mick Brown
9	40155	2014-10-14	Standard Class	JW-15220	Jane Waco

Order Day:

Edit calculation

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Name Order_Day

Components

Expression

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Search



Global_Sup...tore2.csv

▶ All

▶ Order_Day

▶ Order_month

▶ Order_year

▶ # Row ID

▶ ⌚ Order Date

▶ abc Ship Mode

▶ abc Customer ID

▶ abc Cust... Name

▶ abc Segment

1 day(Order_Date)

Preview (Execution time: 5.296 seconds)

Refresh

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Order_Day	Order Date
31	2012-07-31
5	2013-02-05

Order Month:

Edit calculation

×

Name Order_month

Components

Expression

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Search



Global_Sup...tore2.csv

▶ All

▶ Order_Day

▶ Order_month

▶ Order_year

▶ # Row ID

▶ ⌚ Order Date

▶ abc Ship Mode

▶ abc Customer ID

▶ abc Cust... Name

▶ abc Segment

1 month(Order_Date)

Preview (Execution time: 1.15 seconds)

Refresh

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Order_month	Order Date
7	2012-07-31
2	2013-02-05

Order Year:

Edit calculation

Name

Order_year

Components

Expression

1 year(Order_Date)

Preview

Preview (Execution time: 1.014 seconds)

Order_year	Order Date
2012	2012-07-31
2013	2013-02-05