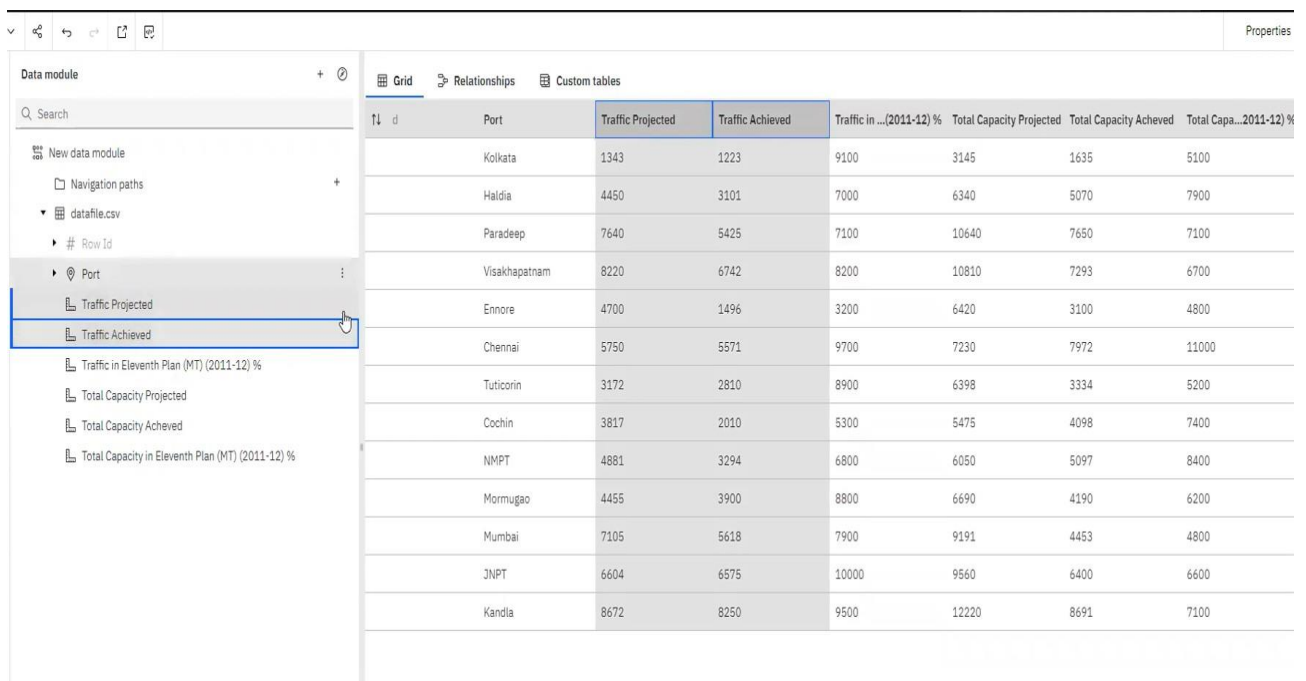


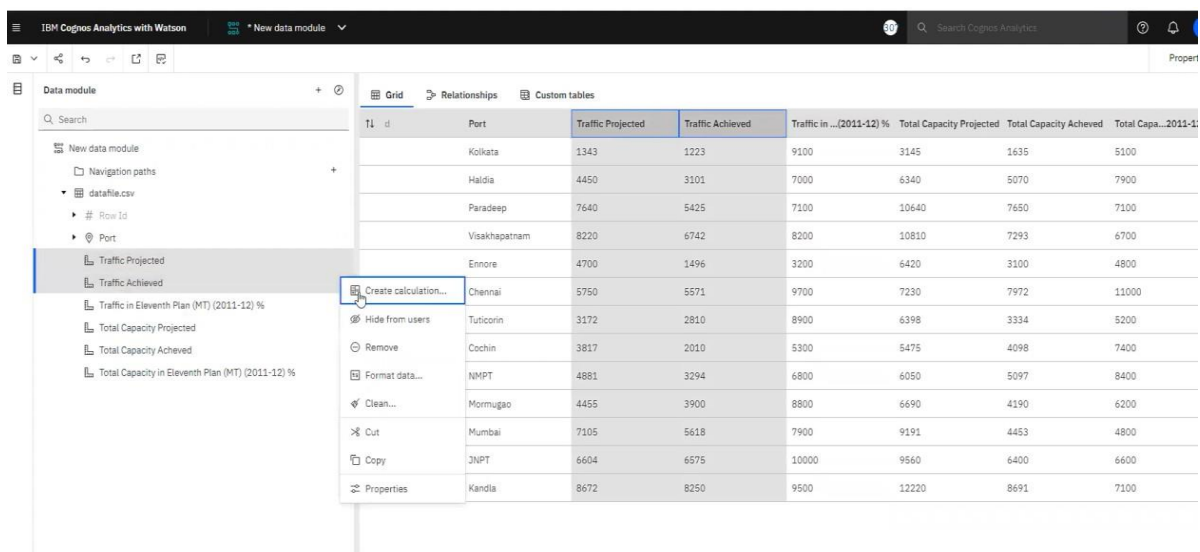
Prepare Calculations

Date	14 November 2022
Team ID	PNT2022TMID00141
Project Name	Project – Traffic and Capacity Analytics For Major Ports

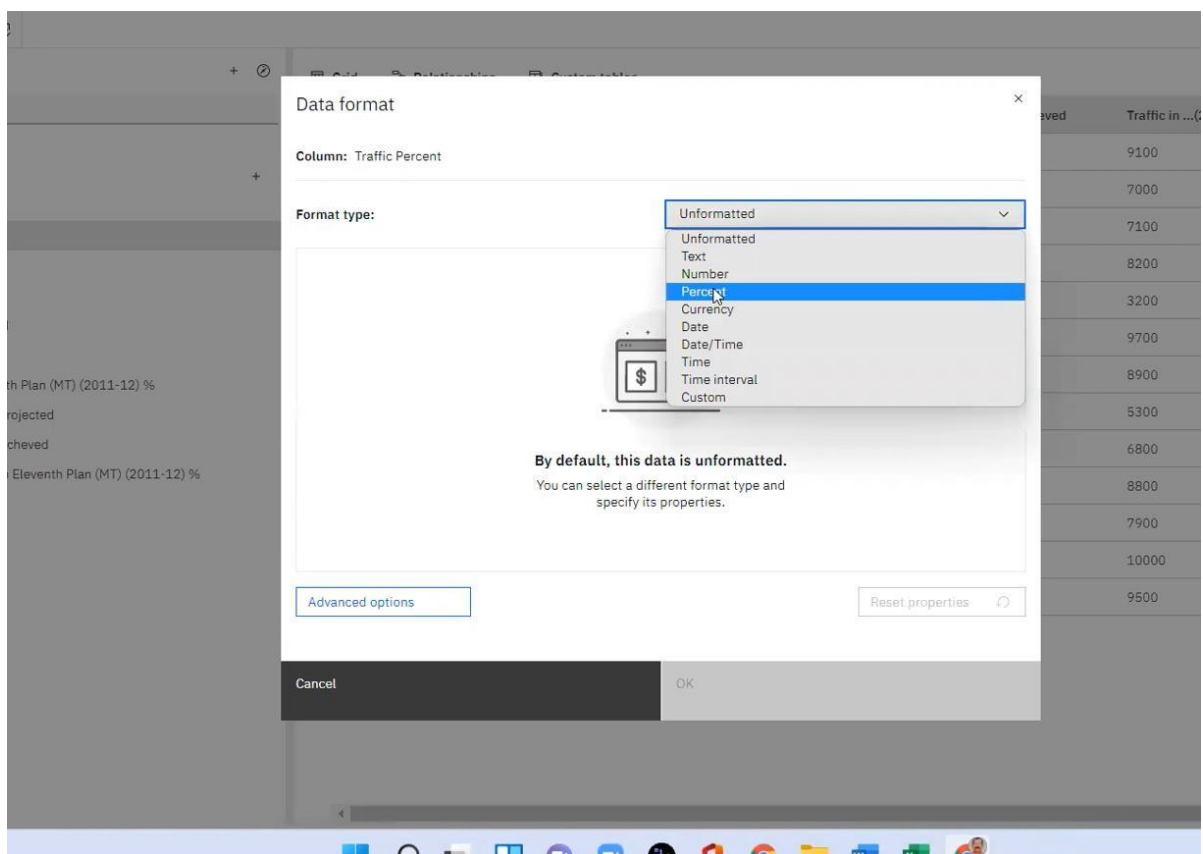
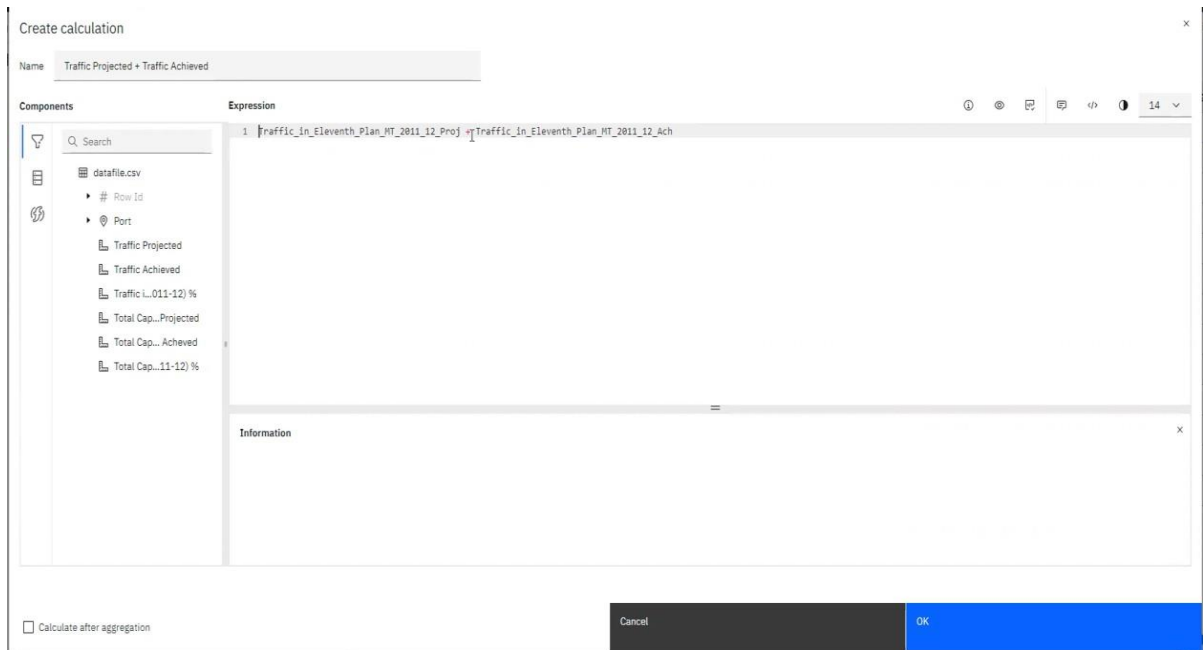
1) Traffic Percentage as Traffic Achievement / Traffic Projection



Id	Port	Traffic Projected	Traffic Achieved	Traffic in ... (2011-12) %	Total Capacity Projected	Total Capacity Achieved	Total Capa... (2011-12) %
	Kolkata	1343	1223	9100	3145	1635	5100
	Haldia	4450	3101	7000	6340	5070	7900
	Paradeep	7640	5425	7100	10640	7650	7100
	Visakhapatnam	8220	6742	8200	10810	7293	6700
	Ennore	4700	1496	3200	6420	3100	4800
	Chennai	5750	5571	9700	7230	7972	11000
	Tuticorin	3172	2810	8900	6398	3334	5200
	Cochin	3817	2010	5300	5475	4098	7400
	NMPT	4881	3294	6800	6050	5097	8400
	Mormugao	4455	3900	8800	6690	4190	6200
	Mumbai	7105	5618	7900	9191	4453	4800
	JNPT	6604	6575	10000	9560	6400	6600
	Kandla	8672	8250	9500	12220	8691	7100



Id	Port	Traffic Projected	Traffic Achieved	Traffic in ... (2011-12) %	Total Capacity Projected	Total Capacity Achieved	Total Capa... (2011-12) %
	Kolkata	1343	1223	9100	3145	1635	5100
	Haldia	4450	3101	7000	6340	5070	7900
	Paradeep	7640	5425	7100	10640	7650	7100
	Visakhapatnam	8220	6742	8200	10810	7293	6700
	Ennore	4700	1496	3200	6420	3100	4800
	Chennai	5750	5571	9700	7230	7972	11000
	Tuticorin	3172	2810	8900	6398	3334	5200
	Cochin	3817	2010	5300	5475	4098	7400
	NMPT	4881	3294	6800	6050	5097	8400
	Mormugao	4455	3900	8800	6690	4190	6200
	Mumbai	7105	5618	7900	9191	4453	4800
	JNPT	6604	6575	10000	9560	6400	6600
	Kandla	8672	8250	9500	12220	8691	7100



2) Total Capacity Percentage as Total Capacity Achievement / Total Capacity Projection

IBM Cognos Analytics with Watson

New data module

10

Search Cognos Analytics

Properties

Data module

Q Search

New data module

Navigation paths

datafile.csv

Traffic Percent

Row Id

Port

Traffic Projected

Traffic Achieved

Traffic in Eleventh Plan (MT) (2011-12) %

Total Capacity Projected

Total Capacity Achieved

Total Capacity in Eleventh Plan (MT) (2011-12) %

Grid

Relationships

Custom tables

T1	Traffic Percent	Row Id	Port	Traffic Projected	Traffic Achieved	Traffic in ... (2011-12) %	Total Capacity Projected	Total Capacity Achievement
	91.06%	1	Kolkata	1343	1223	9100	3145	1635
	69.69%	2	Haldisa	4450	3101	7000	6340	5070
	71.01%	3	Paradeep	7640	5425	7100	10640	7650
	82.02%	4	Visakhapatnam	8220	6742	8200	10810	7293
	31.83%	5	Ennore	4700	1496	3200	6420	3100
	96.89%	6	Chennai	5750	5571	9700	7230	7972
	88.59%	7	Tuticorin	3172	2810	8900	6398	3334
	52.66%	8	Cochin	3817	2010	5300	5475	4098
	67.49%	9	NMPT	4881	3294	6800	6050	5097
	87.54%	10	Mormugao	4455	3900	8800	6690	4190
	79.07%	11	Mumbai	7105	5618	7900	9191	4453
	99.56%	12	JNPT	6604	6575	10000	9560	6400
	95.13%	13	Kandla	8672	8250	9500	12220	8691

IBM Cognos Analytics with Watson

New data module

Grid

Relationships

Custom tables

Search

New data module

Navigation paths

datafile.csv

Traffic Percent

Row Id

Port

Traffic Projected

Traffic Achieved

Traffic in Eleventh Plan (MT) (2011-12) %

Total Capacity Projected

Total Capacity Achieved

Total Capacity in Eleventh Plan (MT) (2011-12) %

Properties

T1	Traffic Percent	Row Id	Port	Traffic Projected	Traffic Achieved	Traffic in ... (2011-12) %	Total Capacity Projected	Total Capacity Achievement
91.06%	1	Kolkata	1343	1223	9100	3145	1635	
69.69%	2	Haldisa	4450	3101	7000	6340	5070	
71.01%	3	Paradeep	7640	5425	7100	10640	7650	
82.02%	4	Visakhapatnam	8220	6742	8200	10810	7293	
31.83%	5	Ennore	4700	1496	3200	6420	3100	
96.89%	6	Chennai	5750	5571	9700	7230	7972	
88.59%	7	Tuticorin	3172	2810	8900	6398	3334	
52.66%	8	Cochin	3817	2010	5300	5475	4098	
67.49%	9	NMPT	4881	3294	6800	6050	5097	
87.54%	10	Mormugao	4455	3900	8800	6690	4190	
79.07%	11	Mumbai	7105	5618	7900	9191	4453	
99.56%	12	JNPT	6604	6575	10000	9560	6400	
95.13%	13	Kandla	8672	8250	9500	12220	8691	

Create calculation

Name

Total Capacity Projected + Total Capacity Achieved

Expression

Total Cap...Projected

+

Total Cap...y Achieved

Calculate after aggregation

Use calculation editor

Cancel

OK

Create calculation

Name

Total Capacity Projected + Total Capacity Achieved

Components

datafile.csv

Traffic Percent

Row Id

Port

Traffic Projected

Traffic Achieved

Traffic L_011-12) %

Total Cap...Projected

Total Cap...Achieved

Total Cap...11-12) %

Expression

1 Total_Capacity_in_Eleventh_Plan_WT_2011_12_Ach / Total_Capacity_in_Eleventh_Plan_WT_2011_12_Proj

Information

Calculate after aggregation

Cancel

OK

IBM Cognos Analytics with Watson

New data module

Search Cognos Analytics

Properties

Data module

Search

New data module

Navigation paths

datafile.csv

Total Percent

Row Id

Port

Traffic Projected

Traffic Achieved

Total Capacity Projected

Total Capacity Achieved

Data format

Columns: Total Percent

Format type:

Unformatted

Unformatted

Text

Number

Percent

Currency

Date

Date/Time

Time

Time interval

Custom

By default, this data is unformatted.

You can select a different format type and specify its properties.

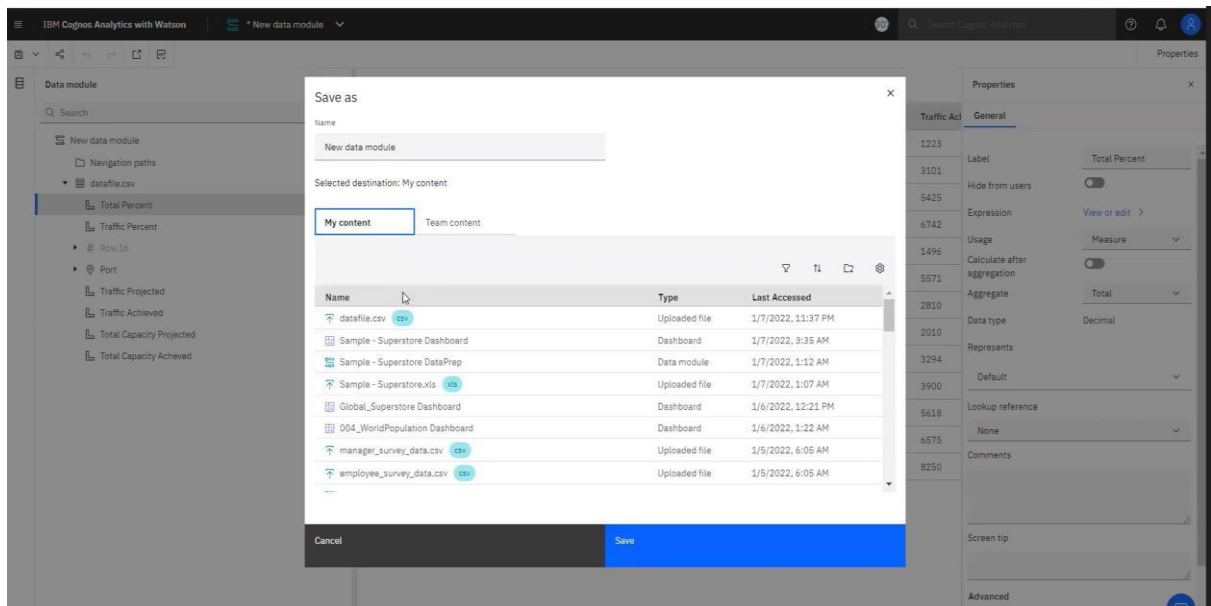
Advanced options

Reset properties

Cancel

OK

ected	Traffic Achieved	Total Capacity Projected	Total Capacity Ach
	1223	3145	1635
	3101	6340	5070
	5425	10640	7650
	6742	10810	7293
	1496	6420	3100
	5671	7230	7972
	2810	6398	3334
	2010	5475	4098
	3294	6050	5097
	3900	8690	4190
	5618	9191	4453
	6875	9560	6400
	8250	12220	8691



Data module

Port Traffic Data Prep

Navigation paths

datafile.csv

Total Percent

Traffic Percent

Row Id

Port

Traffic Projected

Traffic Achieved

Total Capacity Projected

Total Capacity Achieved

Grid

Row Id	Total Percent	Traffic Percent	Port	Traffic Projected	Traffic Actual
1	51.99%	91.06%	Kolkata	1343	1223
2	79.97%	69.69%	Haldia	4450	3101
3	71.90%	71.01%	Paradeep	7640	5425
4	67.47%	82.02%	Visakhapatnam	8220	6742
5	48.29%	31.83%	Ennore	4700	1496
6	110.26%	96.89%	Chennai	5750	5571
7	52.11%	88.59%	Tuticorin	3172	2810
8	74.85%	52.66%	Cochin	3817	2010
9	84.25%	67.49%	NMPT	4881	3294
10	62.63%	87.54%	Mormugao	4455	3900
11	48.45%	79.07%	Mumbai	7105	5618
12	66.95%	99.56%	JNPT	6604	6575
13	71.12%	95.13%	Kandla	8672	8250

Properties

General

Label: Total Percent

Hide from users: ☐

Expression: [View or edit](#)

Usage: Measure

Calculate after aggregation: ☐

Aggregate: Total

Data type: Decimal

Represents: Default

Lookup reference: None

Comments:

Screen tip: