

PREPARING THE DATASET

Team ID	PNT2022TMID17971
Project Name	Project – Traffic and Capacity Analysis in Major Ports

The dataset was loaded successfully in Cognos and dataset was prepared by changing the column names accordingly.

The screenshot displays the IBM Cognos Analytics interface. The top navigation bar shows 'IBM Cognos Analytics with Watson' and the current workspace is '* Port Traffic Data Prep'. The left sidebar shows the 'Data module' section with a search bar and a list of data sources. The 'datafile.csv' source is selected, showing a hierarchy of fields: '# Row Id', 'Port', and several traffic and capacity metrics for different periods. The main area shows a 'Grid' view of the data, which is a table with 13 rows and 8 columns. The columns are: 'Row Id', 'Port', 'Traffic in E...11-12) Proj.', 'Traffic in E...11-12) Ach.', 'Traffic in ...2011-12) %', 'Total Capac...1-12) Proj.', 'Total Capac...1-12) Ach.', and 'Total Capa...2011-12) %'. The rows represent data for various ports including Kolkata, Haldia, Paradeep, Visakhapatnam, Ennore, Chennai, Tuticorin, Cochin, NMPT, Mormugao, Mumbai, JNPT, and Kandla.

Row Id	Port	Traffic in E...11-12) Proj.	Traffic in E...11-12) Ach.	Traffic in ...2011-12) %	Total Capac...1-12) Proj.	Total Capac...1-12) Ach.	Total Capa...2011-12) %
1	Kolkata	1343	1223	9100	3145	1635	5100
2	Haldia	4450	3101	7000	6340	5070	7900
3	Paradeep	7640	5425	7100	10640	7650	7100
4	Visakhapatnam	8220	6742	8200	10810	7293	6700
5	Ennore	4700	1496	3200	6420	3100	4800
6	Chennai	5750	5571	9700	7230	7972	11000
7	Tuticorin	3172	2810	8900	6398	3334	5200
8	Cochin	3817	2010	5300	5475	4098	7400
9	NMPT	4881	3294	6800	6050	5097	8400
10	Mormugao	4455	3900	8800	6690	4190	6200
11	Mumbai	7105	5618	7900	9191	4453	4800
12	JNPT	6604	6575	10000	9560	6400	6600
13	Kandla	8672	8250	9500	12220	8691	7100

IBM Cognos Analytics with Watson

Port Traffic Data Prep

29

Search content

Properties

Data module

Search

Port Traffic Data Prep

Navigation paths

datafile_02.csv

Total Percent

Traffic Percent

Row Id

Port

Traffic Projected

Traffic Achieved

Total Capa...Projected

Total Capa... Achieved

Grid

Relationships

Custom tables

↑↓	Total Percent	Traffic Percent	Row Id	Port	Traffic Projected	Traffic Achieved	Total Capacity Projected	Total Capacity Achieved
	51.99%	38.89%	1	Kolkata	1343	1223	3145	1635
	79.97%	48.91%	2	Haldia	4450	3101	6340	5070
	71.90%	50.99%	3	Paradeep	7640	5425	10640	7650
	67.47%	62.37%	4	Visakhapatnam	8220	6742	10810	7293
	48.29%	23.30%	5	Ennore	4700	1496	6420	3100
	110.26%	77.05%	6	Chennai	5750	5571	7230	7972
	52.11%	43.92%	7	Tuticorin	3172	2810	6398	3334
	74.85%	36.71%	8	Cochin	3817	2010	5475	4098
	84.25%	54.45%	9	NMPT	4881	3294	6050	5097
	62.63%	58.30%	10	Mormugao	4455	3900	6690	4190
	48.45%	61.13%	11	Mumbai	7105	5618	9191	4453
	66.95%	68.78%	12	JNPT	6604	6575	9560	6400
	71.12%	67.51%	13	Kandla	8672	8250	12220	8691