Process Chart

Step 1- Download the weather & sales data from Web Site.

*	rank [‡]	year [‡]	continent	economy	port [‡]	port_label [‡]	lon [‡]	lat [‡]	volume
1	1	2014	Asia	China	Shanghai	Shanghai	121.4737010	31.230416	35268
2	2	2014	Asia	Singapore	Singapore	Singapore	103.8198360	1.352083	33869
3	3	2014	Asia	China	Shenzhen	Shenzhen	114.0578650	22.543096	23798
4	4	2014	Asia	Hong Kong	Hong Kong	Hong Kong	114.1094970	22.396428	22374
5	5	2014	Asia	China	Ningbo-Zhoushan	Ningbo/Z-shan	121.9880433	29.901620	19450
6	6	2014	Asia	South Korea	Busan	Busan	129.0756416	35.179554	18423
7	7	2014	Asia	China	Qingdao	Qingdao	120.3826090	36.067108	16624
8	8	2014	Asia	China	Guangzhou	Guangzhou	113.2643850	23.129110	16160
9	9	2014	Asia	United Arab Emirates	Jebel Ali (Dubai)	Dubai	55.0272904	24.985715	14750
10	10	2014	Asia	China	Tianjin	Tianjin	117.2009830	39.084158	14050
11	11	2014	Europe	Netherlands	Rotterdam	Rotterdam	4.4777325	51.924420	12453
12	12	2014	Asia	Malaysia	Port Klang	Port Klang	101.3928300	2.999852	10736
13	13	2014	Asia	Taiwan	Kaohsiung	Kaohsiung	120.3014353	22.627278	10593
14	14	2014	Asia	China	Dalian	Dalian	121.6146820	38.914003	10128
15	15	2014	Europe	Germany	Hamburg	Hamburg	9.9936818	53.551085	9729

Step-2 Analyze the data.

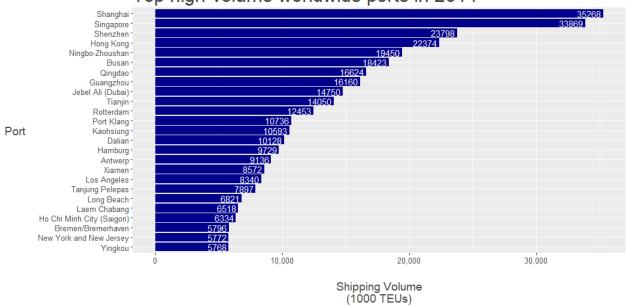




Step-3 Plot the to easily identify the top ports worldwide.



Top high-volume worldwide ports in 2014





Step 1: Download the dataset for average turnaround time for the major ports of India



Year [‡]	Kolkata.D.S	Haldia.D.C	Paradip [‡]	Vishakhapatnam [†]	Ennore	Chennai [‡]	Tuticorin [‡]	Cochin	New.Mangalore	Mormugao	J.L.Nehru [‡]
2004-05	4.17	4.05	3.41	3.20	1.72	3.94	2.66	2.62	2.96	5.66	1.94
2005-06	4.12	4.89	3.56	3.79	2.23	3.32	2.83	2.70	3.00	6.06	1.97
2006-07	4.38	3.85	3.54	3.65	1.89	3.36	3.67	2.17	3.14	6.15	1.43
2007-08	5.46	4.26	5.54	3.91	2.08	4.55	3.85	1.94	3.21	6.24	1.80
2008-09	5.10	4.21	4.78	3.93	2.35	4.15	3.64	2.14	3.00	5.95	1.90
2009-10	6.80	5.01	9.04	4.78	2.11	4.04	3.90	2.08	3.06	8.91	2.01
2010-11	6.21	4.45	7.73	5.84	2.78	4.36	4.00	2.20	2.70	10.43	2.64



Step 2: Calculate the total average turnover of each port.



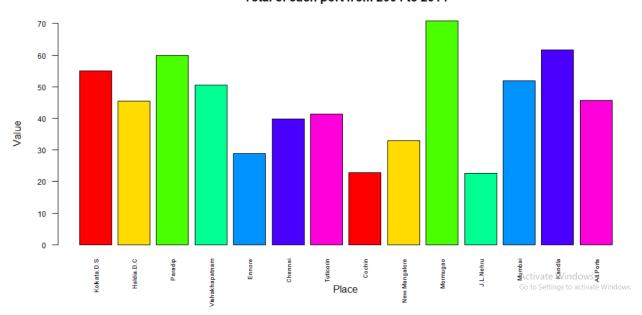
<u> </u>	<u> </u>
Kolkata.D.S	55.10
Haldia.D.C	45.43
Paradip	59.95
•	
Vishakhapatnam	50.57
Ennore	28.84
Chennai	39.87
Tuticorin	41,27
idicollii	41,27
Cochin	22.78
	22.05



Step 3:Plot a simple bar graph.



Total of each port from 2004 to 2014



We have conducted our analysis and plotting on RStudio.

