## **DATASETS**

1) <a href="https://cpi.mospi.gov.in/Default1.aspx">https://cpi.mospi.gov.in/Default1.aspx</a>

## data is divided into 2 parts, statesIndex.csv and itemIndex.csv

itemIndex.csv: from 2012 to 2025 jan cpi data of India is taken from cpi website

## example data:

year month		item_code	description	combined_index	
2014	1	1.1.01.1.1.01	rice_PDS	90.5	
2014	2	1.1.01.1.1.01	rice_PDS	90.5	
2014	3	1.1.01.1.1.01	rice_PDS	90.5	
2014	4	1.1.01.1.1.01	rice_PDS	90.4	
2014	5	1.1.01.1.1.01	rice_PDS	90.4	



The data file:

StateIndex.csv: statewise data from 2012 to 2025 jan is taken of each state from cpi website

## Example refined data:

year	month	state	group	sub_group	description	rural	urban	combined
2013	1	ALL India Andhra	1	1.1.01	Cereals and products Cereals and	107.5	110.5	108.4
2013	1	Pradesh	1	1.1.01	products Cereals and	111	115	112.2
2013	1	Assam	1	1.1.01	products Cereals and	103.9	105.6	104.1
2013	1	Bihar	1	1.1.01	products Cereals and	107.3	110.2	107.6
2013	1	Chhattisgarh	1	1.1.01	products Cereals and	103.2	109.3	104.9
2013	1	Delhi	1	1.1.01	products	106.3	105.7	105.8

	year year   2013   2013   2014	A CAMERA OF A CAME	1 1.1.01 1 1.1.01 1 1.1.01		107.5 111 103.9	The content of the	The content of the
	2013 2013 2013 2013	1 Bihar 1 Chhattisga 1 Delhi 1 Gutarat	1 1.1.01	Cereals and Cereals and Cereals and Cereals and	105.2 106.3 105.7	109.8 109.7 109.8	107.6 104.9 105.8 107.8
	2013 2013 2013	1 Haryana 1 Himachal F 1 Jammu ans	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	107.4 105.1 104.7	109.2 109 106.7	108 105.6 105.2
	2013 2013 2013	1 Sharkhand 1 Karnataka 1 Kerala	1 1.1.01	Cereals and Cereals and Cereals and	106 108.9 118.7	108.2 111.6 115.4	106.5 110 114.2
	2013 2013 2013	1 Maharashi 1 Oslisha 1 Punjali	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	105.5 103.7 107.1	109.2 104.4 107.5	107.4 103.8 107.3
	2013 2013 2013	1 Rajasihan 1 Tamil Nash 1 Telangana	1 1.1.01	Cereals and Cereals and Cereals and	111.5 113.2 110.6	115.7 113.7 112.5	113.4 113.5
	2013 2013 2013	1 Uttarahhar 1 West Beng 2 Att India	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	109 104.4 109.2	110.4 108.5 112.9	109.4 105.5 110.4
	2013 2013 2013	2 Andhra Prz 2 Assam 2 Bihar	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	115.8 104.6 109.3	121 105.6 110.8	117.3 104.7 109.5
	2013 2013 2013	2 Chhattisga 2 Delhi 2 Gujarat	1 1.1.01	Cereals and Cereals and Cereals and	106.9 106.8	110.2 107.3 112	105.6 107.3 109.1
	2013 2013 2013	2 Himachal F 2 Jammu ani 2 Jharkhand	1 1.1.01	Cereals and Cereals and Cereals and	106.2 104.2 107	108.9 107.4 110.8	106.5 105 107.9
	2013 2013 2013	2 Kernataha 2 Kerala 2 Masilnya Pr	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	112.3 118.5 108	117.8 115.4 110.4	114.5 114 108.7
	30014 30	2 Maharashi 2 Odisha 2 Punjala	1 1.1.01	Cereals and Cereals and Cereals and	105 105 107.8	110.8 105.2 108	105 107.9
	2013 2013 2013	2 Tamil Nash 2 Telangana 2 Ultar Prash	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	117.2 110.4 110.4	117.2 119.1 112.9	117.2 114.3 111
	2013 2013 2013	2 Utterabbar 2 West Beng 3 ALL India	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	109.9 106.1 110.2	112.3 111.4 113.9	110.6 107.6 111.4
	2013 2013 2013	3 Andhra Pra 3 Assam 3 Bihar 3 Chhallisan	11.1.01	Cereals and Cereals and Cereals and	105.1 111.1	105.7 105.7 112.6	118.7 105.2 111.3
	2013 2013 2013	3 Delhi 3 Gujarat 3 Haryana	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	107.1 107.8 108.7	107.5 112.6 111.4	107.5 109.9 109.6
	2013 2013 2013	3 Himachal P 3 Jammu and 3 Jharkhand 3 Karastaka	1 1.1.01	Cereals and Cereals and Cereals and	105.7 105.1 107.2	109.6 107.8 113.1	106.2 105.8 108.6
	2013 2013 2013	S Kerala S Madhya Pr S Maharashi	1 1.1.01	Cereals and Cereals and Cereals and	114.2 109 107.2	115.7 112.1	114.6 109.8 109.3
	2013 2013 2013	3 Odisha 3 Punjala 3 Rajasihan	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	105.4 109 112.9	106.2 108.2 115.9	105.5 108.7 113.7
	2013 2013 2013	3 Tamil Nails 3 Telangana 3 Uttar Prails	1 1.1.01	Cereals and Cereals and Cereals and	111.7 111.4	118.9 119.7 114.4	119.4 115.3 112.1
	2013 2013 2013	5 West Beng 4 ALL India 5 Amilya Pra	1 1.1.01	Cereals and Cereals and Cereals and	107 110.2 120.2	112.7 114.6 125.8	108.6 111.6 121.8
	2013 2013 2013	4 Assam 4 Bihar 4 Chhattisga	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	104.6 109.6 106.4	105.6 111.9 114	104.7 109.8 108.5
	2013 2013 2013	4 Gujarat 4 Haryana	1 1.1.01	Cereals and Cereals and	108.8 109.2	107.6 114.3 112.6	107.7 111.3 110.3
	2013 2013 2013	4 Jammu and 4 Jharkhand 4 Karnataka	1 1.1.01	Cereals and Cereals and Cereals and	105.5 108.1 114.7	108.6 113.6 119.8	106.3 109.4 116.7
	2011 1 2011 2 20	4 Kerala 4 Masiliya Pr 4 Maharashi	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	115.8 109.1 107.8	115.4 112.7 112.1	115.7 110.1 110
	2013 2013 2013	n Oslinha 4 Punjala 4 Rajasihan 4 Tamil Mess	1 1.1.01	Cereals and Cereals and Cereals and	106.8 109.1 110.2	106.8 108.8 113.3	106.8 109 111
	2013 2013 2013	4 Telangama 4 Uttar Prash 4 Uttarahhar	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	112.5 111.2 109.2	120.2 113.9 110.8	116 111.8 109.7
	2013 2013 2013	4 West Beng 5 ALL India 5 Andhra Prz	1 1.1.01	Cereals and Cereals and Cereals and	107.6 110.9 122.4	113.9 115.4 129.2	109.3 112.3 124.4
	2013 2013 2013 2014	s Assam 5 Bihar 5 Chhattisga 5 Delhi	1 1.1.01	Cereals and Cereals and Cereals and	105.1 110.3 106	105.7 111.1 115.7	105.2 110.4 108.6 108.5
	2013 2013 2013	5 Gujarat 5 Haryana 5 Himachal P	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	110.2 108.9 105.9	115.8 113.8 110.6	112.7 110.6 106.5
	2013 2013 2013	5 Jammu ani 5 Jharbhand 5 Karnataka	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and	106 108.4 116.3	108 114.5 121.1	106.5 109.9 118.2
	2013 2013 2013	5 Madhya Pr 5 Maharashi 5 Odisha	1 1.1.01	Cereals and Cereals and Cereals and	109.7 108 107.7	114 112.9 108.4	110.9 110.5 107.8
	2013 2013 2013	5 Punjale 5 Rajasihan 5 Tamil Nash	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	109.3 111 119.5	109.8 114.5 120.5	109.3 111.9 120
	2013 2013 2013 2013 2013 2013 2013 2013	5 Uttar Praib 5 Uttar Praib 5 Uttarabbar	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and	113.7 111.1 108.4	121.3 113.8 109.9	117.1 111.7 108.9
	2013 2013 2013	6 ALL India 6 Andhra Pra 6 Assam	1 1.1.01	Cereals and Cereals and Cereals and	112.3 125.8 105.9	117 131.6 106.7	113.8 127.5
	2013 2013 2013	6 Bihar 6 Chhattisga 6 Delhi	1 1.1.01	Cereals and Cereals and Cereals and	111.6 108.7 109.5	113.2 117.2 109.7	111.8 111 109.7
	2013 2013 2013	6 Gujarat 6 Haryana 6 Himachal F	1 1.1.01	Cereals and Cereals and	110.9 110.3 107	116.7 114 111.8	113.5 111.6 107.6
	2013 2013 2013 2013	6 Zharkhand 6 Karnataka 6 Kerala	1 1.1.01	Cereals and Cereals and Cereals and	110.1 118.4 118.2	115.8 122.1 118.2	111.5 119.9 118.2
	2013 2013 2013 2013 2013 2013 2013 2013	6 Madhya Pr 6 Maharashi 6 Odisha	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	110.6 109.3 107.7	116 114.6 109.4	112.1 112 108
	2013 2013 2013	6 Punjala 6 Rajasihan 6 Tamil Nash	1 1.1.01	Cereals and Cereals and	109.6 112.9 120.9	109.6 116.1 121.4	109.6 113.7 121.1
	2013 2013 2013	6 Uttar Prash 6 Uttarahhar 6 West Beng	1 1.1.01	Cereals and Cereals and Cereals and	112.1 110.5	115.9 112.1	113 111 111.8
	2013 2013 2013	7 Audhra Pra 7 Andhra Pra 7 Assam	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and	118.4 128.1 107	117.8 132.6 107.9	114.8 129.4 107.1
	2013 2013 2013	7 Bihar 7 Chhattisga 7 Delhi	1 1.1.01	Cereals and Cereals and	118.2 110.7 111.2	114.8 118.7 110.9	113.4 112.9 110.9
	2013 2013 2013	7 Haryana 7 Himachal F 7 Jammu ans	1 1 1 01	Cereals and Cereals and Cereals and	112 107.6 106.1	114.5 112.8 107.9	112.8 108.2 108.6
	2013 2013 2013	7 Jharkhand 7 Karnataka 7 Kerala	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and	111.6 115.6 119.2	117.1 121.7 119.5	112.9 118 119.3
	2013 2013 2013	7 Madhya Pr 7 Maharashi 7 Odisha 7 Russala	1 1.1.01	Cereals and Cereals and Cereals and	109.4 110.2 108.7	114.9 115.5 112.5	110.9 112.9 109.4
	2013 2013 2013	7 Rajasihan 7 Tamil Nash 7 Telangana	1 1.1.01	Cereals and Cereals and Cereals and	113.9 121.7 121.3	115.3 122 126.4	114.3 121.8 123.0
	2013 2013 2013	7 Uttar Prash 7 Uttarahhar 7 West Beng	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	113.5 112.6 111.7	117 113.8 118.1	114.3 113 113.5
	2013 2013 2013	E Andhra Pra E Assam	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and	114.3 128.9 108.6	118.3 133 109.5	115.6 130.1 108.7
	2013 2013 2013	8 Chhaitisga 8 Delhi 8 Gujarat	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	113.3 112.6 112.2	119.2 111 117	114.9 111.1 114.3
	2013 2013 2013	8 Haryana 8 Himachal F 8 Jammu ans	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and	112.7 108.5 106.4	114.7 113.8 109.9	113.4 109.2 107.3
	2013 2013 2013 2013	8 Sharkhand 8 Karnataka 8 Kerala 8 Masiltya Pr	1 1.1.01	Cereals and Cereals and Cereals and	115.3 119.7 110	121.3 119.8 115.1	119.4 117.7 119.7
	2013 2013 2013 2013 2013 2013 2013 2013	8 Maharashi 8 Oslisha 8 Punjale	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	111.4 107.8 111	116 112.7 110.8	113.7 108.7 110.9
	2018 2018 2018	8 Rajasthan 8 Tamil Nash 8 Telangana	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	113.9 121.3 122.4	115.7 122.2 127	114.4 121.7 124.5
	2013 2013 2013 2013	8 Uttarabhar 8 West Beng 9 Att India	1 1 1 01	Cereals and Cereals and Cereals and	118.1 114.3 115.4	118 113.6 119.7	113.3 115.8 116.4
	2013 2013 2013 2013 2013 2013 2013 2013	9 Andhra Pra 9 Assam 9 Bihar	1 1.1.01	Cereals and Cereals and Cereals and	110 110.1 116.1	132.1 111.8 117.2	130.6 110.3 116.2
	2013 2013 2013	9 Chhattisga 9 Delhi 9 Gujarat 9 Harvens	1 1.1.01	Cereals and Cereals and Cereals and	114.2 112.2 112.9	119.6 110.9 117.6	115.7 111 115
	2013 2013 2013 2013	9 Himachal F 9 Jammu ani 9 Jharkhand	1 1.1.01	Cereals and Cereals and Cereals and	109 108 116.2	113.9 111.2 120.4	124.5 115.3 115.8 116.4 130.6 110.3 116.7 111.7 111.9 109.6 108.8 117.7
	2013 2013 2013	9 Karnataha 9 Kerala 9 Madhya Pr	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	114 120.6 111	119.9 120.1 115.8	116.4 120.5 112.8
	2013 2013 2013	9 Maharashi 9 Odisha 9 Punjala	1 1.1.01	Cereals and Cereals and Cereals and	112.3 108.9 112	116.6 115 111.8	114.5 110 111.7
	2013 2013 2013	9 Tamil Nash 9 Telangana 9 Ultar Prash	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	121.3 124.2 115.6	120.9 123.8 119.2	121.1 124 116.5
	2018 2018 2018	9 Utterakhar 9 West Beng 10 Att India	1 1.1.01	Cereals and Cereals and Cereals and	116.4 116.7 116.3	114.2 121.1 118.9	114.3 117.9 117.1
	2013 2013 2013	10 Assam 10 Bihar 10 Chhailisea	1 1.1.01	Cereals and Cereals and Cereals and	112.9 117.1 115.3	115.3 118.4 119.3	113.2 117.2 116.4
	2013 2013 2013	10 Delhi 10 Gujarat 10 Haryana	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	112.8 112.9 112.3	111.4 118.2 115.2	111.5 115.3 113.3
	2013 2013 2013	10 Himachal F 10 Jammu ani 10 Jharkhand	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	109.1 108.7 117.5	111.5 121.7	109.8 109.4 118.5
	2013 2013 2013	10 Kerala 10 Mailiya Pr 10 Maharashi	1 1.1.01	Cereals and Cereals and Cereals and	120.5	119.9 116 116.9	120.3 112.9 115
	2013 2013 2013	10 Odisha 10 Punjali 10 Rajasihan	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	110.2 112.6 116.3	111.9 111.9 117.7	111.2 112.3 116.7
	2013 2013 2013 2013	10 Telangana 10 Uttar Pradi 10 Uttarahhar	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	123.9 116.3 115.4	120 124.4 120 114.6	124.1 117.2 115.2
	2013 2013 2013	10 West Beng 11 Att India 11 Andhra Pra	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	118.2 117.3 131.4	121.9 119.8 128.6	119.2 118.1 130.6
	2013 2013 2013 2014	11 Assam 11 Bihar 11 Chhattisga 11 Delhi	1 1.1.01 1 1.1.01 1 1.1.01 1 1.7.01	Cereals and Cereals and Cereals and Cereals and	118.9 118.9 116.9	118.1 120 120.4	115.6 119 117.8 112.4
	2013 2013 2013	11 Gujarat 11 Haryana 11 Himachal F	1 1.1.01	Cereals and Cereals and Cereals and	114.3 113.4 110.1	119.6 116.4 117.9	116.7 114.4 111.1
	2013 2013 2013	11 Jammu ani 11 Jharbhand 11 Karnataka	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	118.2 118.7	112.8 122.6 118	110.6 119.3 115.4
	2013 2013 2013 2013	11 Madhya Pr 11 Maharashi 11 Odisha	1 1.1.01	Cereals and Cereals and Cereals and Cereals and	119.5 111.9 114 111.7	119.8 116.8 117.9 116.9	113.2 116 117.2
	2013 2013 2013	11 Punjals 11 Rajasthan 11 Tamil Nash	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	113 116.8 121.5	112.8 119.3 120.2	112.9 117.4 120.9
	2013 2013 2013	11 Telangana 11 Uttar Prash 11 Uttarahhar	1 1.1.01	Cereals and Cereals and Cereals and	125.4 117.3 116.8	123.4 122.3 116.6	124.5 118.5 116.7
	2013 2013 2013	12 ALL India 12 Andhra Pra 12 Assam	1 1.1.01	Cereals and Cereals and Cereals and	118.4 133 116.3	120.5 128.4 120.6	119.1 131.7 116.8
	2013 2013 2013	12 Bihar 12 Chhattisga 12 Delhi	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and	120.7 120 113.4	121.5 120.7 112.9	120.8 120.2 112.9
	2013 2013 2013 2013	12 Haryana 12 Haryana 12 Himachal F 12 Jammu ani	1 1.1.01 1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and Cereals and	115.6 114.3 111 110.7	120.5 118.2 118.2 112.9	115.6 111.9 111.3
<del>-</del>		12 Markhand 12 Karnataka 12 Kerala	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and Cereals and		1200.1 110.2	1000 1000 1000 1000 1000 1000 1000 100
The dataset:	2013 2013 2013	12 Maharashi 12 Odisha	1 1.1.01 1 1.1.01 1 1.1.01	Cereals and Cereals and	112.7 115 112.5	118.2 119.1 117.4	114.2 117.1 113.4