

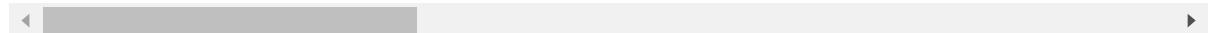
```
In [4]: import pandas as pd
```

Exploring few rows and columns of the dataset

```
In [55]: census=pd.read_csv(r"E:\Personal Python Projects\Census 2011\Census+2011.csv")
census.head()
```

	District_code	State_name	District_name	Population	Male	Female	Literate	Workers
0	1	JAMMU AND KASHMIR	Kupwara	870354	474190	396164	439654	229064
1	2	JAMMU AND KASHMIR	Badgam	753745	398041	355704	335649	214866
2	3	JAMMU AND KASHMIR	Leh(Ladakh)	133487	78971	54516	93770	75079
3	4	JAMMU AND KASHMIR	Kargil	140802	77785	63017	86236	51873
4	5	JAMMU AND KASHMIR	Punch	476835	251899	224936	261724	161393

5 rows × 25 columns



Hiding index of the DF since district_code column is already given which can be used as index column

```
In [56]: census.style.hide(axis='index')
```

Out[56]:	District_code	State_name	District_name	Population	Male	Female	Literate
	1	JAMMU AND KASHMIR	Kupwara	870354	474190	396164	439654
	2	JAMMU AND KASHMIR	Badgam	753745	398041	355704	335649
	3	JAMMU AND KASHMIR	Leh(Ladakh)	133487	78971	54516	93770
	4	JAMMU AND KASHMIR	Kargil	140802	77785	63017	86236
	5	JAMMU AND KASHMIR	Punch	476835	251899	224936	261724
	6	JAMMU AND KASHMIR	Rajouri	642415	345351	297064	364109
	7	JAMMU AND KASHMIR	Kathua	616435	326109	290326	389204
	8	JAMMU AND KASHMIR	Baramula	1008039	534733	473306	545149
	9	JAMMU AND KASHMIR	Bandipore	392232	207680	184552	185979
	10	JAMMU AND KASHMIR	Srinagar	1236829	651124	585705	748584
	11	JAMMU AND KASHMIR	Ganderbal	297446	158720	138726	143276
	12	JAMMU AND KASHMIR	Pulwama	560440	293064	267376	293958
	13	JAMMU AND KASHMIR	Shupiyan	266215	136480	129735	136500
	14	JAMMU AND KASHMIR	Anantnag	1078692	559767	518925	545532
	15	JAMMU AND KASHMIR	Kulgam	424483	217620	206863	209085
	16	JAMMU AND KASHMIR	Doda	409936	213641	196295	219083
	17	JAMMU AND KASHMIR	Ramban	283713	149132	134581	124065
	18	JAMMU AND KASHMIR	Kishtwar	230696	120165	110531	107506
	19	JAMMU AND KASHMIR	Udhampur	554985	296784	258201	322354

District_code	State_name	District_name	Population	Male	Female	Literate
20	JAMMU AND KASHMIR	Reasi	314667	166461	148206	150542
21	JAMMU AND KASHMIR	Jammu	1529958	813821	716137	1137135
22	JAMMU AND KASHMIR	Samba	318898	169124	149774	228139
23	HIMACHAL PRADESH	Chamba	519080	261320	257760	323842
24	HIMACHAL PRADESH	Kangra	1510075	750591	759484	1152640
25	HIMACHAL PRADESH	Lahul AND Spiti	31564	16588	14976	21845
26	HIMACHAL PRADESH	Kullu	437903	225452	212451	307672
27	HIMACHAL PRADESH	Mandi	999777	498065	501712	723747
28	HIMACHAL PRADESH	Hamirpur	454768	217070	237698	358091
29	HIMACHAL PRADESH	Una	521173	263692	257481	399715
30	HIMACHAL PRADESH	Bilaspur	381956	192764	189192	287620
31	HIMACHAL PRADESH	Solan	580320	308754	271566	428578
32	HIMACHAL PRADESH	Sirmaur	529855	276289	253566	362645
33	HIMACHAL PRADESH	Shimla	814010	425039	388971	612642
34	HIMACHAL PRADESH	Kinnaur	84121	46249	37872	60699
35	PUNJAB	Gurdaspur	2298323	1212617	1085706	1634719
36	PUNJAB	Kapurthala	815168	426311	388857	576567
37	PUNJAB	Jalandhar	2193590	1145211	1048379	1622537
38	PUNJAB	Hoshiarpur	1586625	809057	777568	1199699
39	PUNJAB	Shahid Bhagat Singh Nagar	612310	313291	299019	438459
40	PUNJAB	Fatehgarh Sahib	600163	320795	279368	426033

District_code	State_name	District_name	Population	Male	Female	Literate
41	PUNJAB	Ludhiana	3498739	1867816	1630923	2560225
42	PUNJAB	Moga	995746	525920	469826	627889
43	PUNJAB	Firozpur	2029074	1071637	957437	1227511
44	PUNJAB	Muktsar	901896	475622	426274	524848
45	PUNJAB	Faridkot	617508	326671	290837	381285
46	PUNJAB	Bathinda	1388525	743197	645328	844868
47	PUNJAB	Mansa	769751	408732	361019	423560
48	PUNJAB	Patiala	1895686	1002522	893164	1266791
49	PUNJAB	Amritsar	2490656	1318408	1172248	1684770
50	PUNJAB	Tarn Taran	1119627	589369	530258	666162
51	PUNJAB	Rupnagar	684627	357485	327142	502731
52	PUNJAB	Sahibzada Ajit Singh Nagar	994628	529253	465375	736575
53	PUNJAB	Sangrur	1655169	878029	777140	1002077
54	PUNJAB	Barnala	595527	317522	278005	359831
55	CHANDIGARH	Chandigarh	1055450	580663	474787	805438
56	UTTARAKHAND	Uttarkashi	330086	168597	161489	215126
57	UTTARAKHAND	Chamoli	391605	193991	197614	280556
58	UTTARAKHAND	Rudraprayag	242285	114589	127696	170933
59	UTTARAKHAND	Tehri Garhwal	618931	297986	320945	407994
60	UTTARAKHAND	Dehradun	1696694	892199	804495	1259506
61	UTTARAKHAND	Garhwal	687271	326829	360442	494889
62	UTTARAKHAND	Pithoragarh	483439	239306	244133	345550
63	UTTARAKHAND	Bageshwar	259898	124326	135572	179483
64	UTTARAKHAND	Almora	622506	291081	331425	436497
65	UTTARAKHAND	Champawat	259648	131125	128523	177726
66	UTTARAKHAND	Nainital	954605	493666	460939	696500
67	UTTARAKHAND	Udham Singh Nagar	1648902	858783	790119	1037839
68	UTTARAKHAND	Hardwar	1890422	1005295	885127	1178354
69	HARYANA	Panchkula	561293	299679	261614	405318
70	HARYANA	Ambala	1128350	598703	529647	818025

District_code	State_name	District_name	Population	Male	Female	Literate
71	HARYANA	Yamunanagar	1214205	646718	567487	832457
72	HARYANA	Kurukshetra	964655	510976	453679	646893
73	HARYANA	Kaithal	1074304	571003	503301	646529
74	HARYANA	Karnal	1505324	797712	707612	978013
75	HARYANA	Panipat	1205437	646857	558580	786599
76	HARYANA	Sonipat	1450001	781299	668702	998316
77	HARYANA	Jind	1334152	713006	621146	832758
78	HARYANA	Fatehabad	942011	495360	446651	557578
79	HARYANA	Sirsa	1295189	682582	612607	782897
80	HARYANA	Hisar	1743931	931562	812369	1114311
81	HARYANA	Bhiwani	1634445	866672	767773	1069871
82	HARYANA	Rohtak	1061204	568479	492725	747582
83	HARYANA	Jhajjar	958405	514667	443738	676091
84	HARYANA	Mahendragarh	922088	486665	435423	630255
85	HARYANA	Rewari	900332	474335	425997	636947
86	HARYANA	Gurgaon	1514432	816690	697742	1111116
87	HARYANA	Mewat	1089263	571162	518101	454897
88	HARYANA	Faridabad	1809733	966110	843623	1272739
89	HARYANA	Palwal	1042708	554497	488211	599796
90	NCT OF DELHI	North West	3656539	1960922	1695617	2707855
91	NCT OF DELHI	North	887978	475002	412976	681517
92	NCT OF DELHI	North East	2241624	1188425	1053199	1611588
93	NCT OF DELHI	East	1709346	907500	801846	1352998
94	NCT OF DELHI	New Delhi	142004	77942	64062	114179
95	NCT OF DELHI	Central	582320	307821	274499	442360
96	NCT OF DELHI	West	2543243	1356240	1187003	1961179
97	NCT OF DELHI	South West	2292958	1246046	1046912	1787689
98	NCT OF DELHI	South	2731929	1467428	1264501	2078402
99	RAJASTHAN	Ganganagar	1969168	1043340	925828	1193343
100	RAJASTHAN	Hanumangarh	1774692	931184	843508	1034136

District_code	State_name	District_name	Population	Male	Female	Literate
101	RAJASTHAN	Bikaner	2363937	1240801	1123136	1278801
102	RAJASTHAN	Churu	2039547	1051446	988101	1149269
103	RAJASTHAN	Jhunjhunun	2137045	1095896	1041149	1370360
104	RAJASTHAN	Alwar	3674179	1939026	1735153	2182476
105	RAJASTHAN	Bharatpur	2548462	1355726	1192736	1480869
106	RAJASTHAN	Dhaulpur	1206516	653647	552869	683098
107	RAJASTHAN	Karauli	1458248	783639	674609	805849
108	RAJASTHAN	Sawai Madhopur	1335551	704031	631520	741748
109	RAJASTHAN	Dausa	1634409	857787	776622	938051
110	RAJASTHAN	Jaipur	6626178	3468507	3157671	4300965
111	RAJASTHAN	Sikar	2677333	1374990	1302343	1652117
112	RAJASTHAN	Nagaur	3307743	1696325	1611418	1758624
113	RAJASTHAN	Jodhpur	3687165	1923928	1763237	2031532
114	RAJASTHAN	Jaisalmer	669919	361708	308211	308653
115	RAJASTHAN	Barmer	2603751	1369022	1234729	1188322
116	RAJASTHAN	Jalor	1828730	936634	892096	829582
117	RAJASTHAN	Sirohi	1036346	534231	502115	476806
118	RAJASTHAN	Pali	2037573	1025422	1012151	1085693
119	RAJASTHAN	Ajmer	2583052	1324085	1258967	1526673
120	RAJASTHAN	Tonk	1421326	728136	693190	749659
121	RAJASTHAN	Bundi	1110906	577160	533746	585044
122	RAJASTHAN	Bhilwara	2408523	1220736	1187787	1256126
123	RAJASTHAN	Rajsamand	1156597	581339	575258	619139
124	RAJASTHAN	Dungarpur	1388552	696532	692020	681591
125	RAJASTHAN	Banswara	1797485	907754	889731	829343
126	RAJASTHAN	Chittaurgarh	1544338	783171	761167	821825
127	RAJASTHAN	Kota	1951014	1021161	929853	1298345
128	RAJASTHAN	Baran	1222755	633945	588810	693307
129	RAJASTHAN	Jhalawar	1411129	725143	685986	739792
130	RAJASTHAN	Udaipur	3068420	1566801	1501619	1582629

District_code	State_name	District_name	Population	Male	Female	Literate
131	RAJASTHAN	Pratapgarh	867848	437744	430104	401515
132	UTTAR PRADESH	Saharanpur	3466382	1834106	1632276	2077108
133	UTTAR PRADESH	Muzaffarnagar	4143512	2193434	1950078	2417339
134	UTTAR PRADESH	Bijnor	3682713	1921215	1761498	2135393
135	UTTAR PRADESH	Moradabad	4772006	2503186	2268820	2263848
136	UTTAR PRADESH	Rampur	2335819	1223889	1111930	1043666
137	UTTAR PRADESH	Jyotiba Phule Nagar	1840221	963449	876772	983110
138	UTTAR PRADESH	Meerut	3443689	1825743	1617946	2141488
139	UTTAR PRADESH	Baghpat	1303048	700070	602978	797970
140	UTTAR PRADESH	Ghaziabad	4681645	2488834	2192811	3123264
141	UTTAR PRADESH	Gautam Buddha Nagar	1648115	890214	757901	1122947
142	UTTAR PRADESH	Bulandshahr	3499171	1845260	1653911	2031656
143	UTTAR PRADESH	Aligarh	3673889	1951996	1721893	2092567
144	UTTAR PRADESH	Mahamaya Nagar	1564708	836127	728581	942572
145	UTTAR PRADESH	Mathura	2547184	1367125	1180059	1507746
146	UTTAR PRADESH	Agra	4418797	2364953	2053844	2680510
147	UTTAR PRADESH	Firozabad	2498156	1332046	1166110	1521806
148	UTTAR PRADESH	Mainpuri	1868529	993377	875152	1203885
149	UTTAR PRADESH	Budaun	3681896	1967759	1714137	1547477
150	UTTAR PRADESH	Bareilly	4448359	2357665	2090694	2191759

District_code	State_name	District_name	Population	Male	Female	Literate
151	UTTAR PRADESH	Pilibhit	2031007	1072002	959005	1061095
152	UTTAR PRADESH	Shahjahanpur	3006538	1606403	1400135	1490930
153	UTTAR PRADESH	Kheri	4021243	2123187	1898056	2034044
154	UTTAR PRADESH	Sitapur	4483992	2375264	2108728	2283733
155	UTTAR PRADESH	Hardoi	4092845	2191442	1901403	2221601
156	UTTAR PRADESH	Unnao	3108367	1630087	1478280	1773584
157	UTTAR PRADESH	Lucknow	4589838	2394476	2195362	3127260
158	UTTAR PRADESH	Rae Bareli	3405559	1752542	1653017	1965843
159	UTTAR PRADESH	Farrukhabad	1885204	1006240	878964	1092677
160	UTTAR PRADESH	Kannauj	1656616	881776	774840	1017087
161	UTTAR PRADESH	Etawah	1581810	845856	735954	1062003
162	UTTAR PRADESH	Auraiya	1379545	740040	639505	930836
163	UTTAR PRADESH	Kanpur Dehat	1796184	963255	832929	1170243
164	UTTAR PRADESH	Kanpur Nagar	4581268	2459806	2121462	3243022
165	UTTAR PRADESH	Jalaun	1689974	906092	783882	1075196
166	UTTAR PRADESH	Jhansi	1998603	1057436	941167	1304513
167	UTTAR PRADESH	Lalitpur	1221592	641011	580581	641191
168	UTTAR PRADESH	Hamirpur	1104285	593537	510748	653299
169	UTTAR PRADESH	Mahoba	875958	466358	409600	488106

District_code	State_name	District_name	Population	Male	Female	Literate
170	UTTAR PRADESH	Banda	1799410	965876	833534	1002937
171	UTTAR PRADESH	Chitrakoot	991730	527721	464009	531072
172	UTTAR PRADESH	Fatehpur	2632733	1384722	1248011	1512166
173	UTTAR PRADESH	Pratapgarh	3209141	1606085	1603056	1931559
174	UTTAR PRADESH	Kaushambi	1599596	838485	761111	813424
175	UTTAR PRADESH	Allahabad	5954391	3131807	2822584	3665727
176	UTTAR PRADESH	Bara Banki	3260699	1707073	1553626	1692458
177	UTTAR PRADESH	Faizabad	2470996	1259628	1211368	1450901
178	UTTAR PRADESH	Ambedkar Nagar	2397888	1212410	1185478	1486939
179	UTTAR PRADESH	Sultanpur	3797117	1914586	1882531	2239902
180	UTTAR PRADESH	Bahraich	3487731	1843884	1643847	1398368
181	UTTAR PRADESH	Shrawasti	1117361	593897	523464	423313
182	UTTAR PRADESH	Balrampur	2148665	1114721	1033944	868357
183	UTTAR PRADESH	Gonda	3433919	1787146	1646773	1679994
184	UTTAR PRADESH	Siddharthnagar	2559297	1295095	1264202	1228926
185	UTTAR PRADESH	Basti	2464464	1255272	1209192	1393783
186	UTTAR PRADESH	Sant Kabir Nagar	1715183	869656	845527	954949
187	UTTAR PRADESH	Mahrajganj	2684703	1381754	1302949	1419144
188	UTTAR PRADESH	Gorakhpur	4440895	2277777	2163118	2700328

District_code	State_name	District_name	Population	Male	Female	Literate
189	UTTAR PRADESH	Kushinagar	3564544	1818055	1746489	1954820
190	UTTAR PRADESH	Deoria	3100946	1537436	1563510	1875239
191	UTTAR PRADESH	Azamgarh	4613913	2285004	2328909	2771917
192	UTTAR PRADESH	Mau	2205968	1114709	1091259	1363044
193	UTTAR PRADESH	Ballia	3239774	1672902	1566872	1963590
194	UTTAR PRADESH	Jaunpur	4494204	2220465	2273739	2731677
195	UTTAR PRADESH	Ghazipur	3620268	1855075	1765193	2197549
196	UTTAR PRADESH	Chandauli	1952756	1017905	934851	1174606
197	UTTAR PRADESH	Varanasi	3676841	1921857	1754984	2403903
198	UTTAR PRADESH	Sant Ravidas Nagar (Bhadohi)	1578213	807099	771114	910146
199	UTTAR PRADESH	Mirzapur	2496970	1312302	1184668	1428683
200	UTTAR PRADESH	Sonbhadra	1862559	971344	891215	985708
201	UTTAR PRADESH	Etah	1774480	947339	827141	1055202
202	UTTAR PRADESH	Kanshiram Nagar	1436719	764165	672554	724850
203	BIHAR	Pashchim Champaran	3935042	2061110	1873932	1759481
204	BIHAR	Purba Champaran	5099371	2681209	2418162	2276957
205	BIHAR	Sheohar	656246	346673	309573	283698
206	BIHAR	Sitamarhi	3423574	1803252	1620322	1436794
207	BIHAR	Madhubani	4487379	2329313	2158066	2155338
208	BIHAR	Supaul	2229076	1155283	1073793	1033283
209	BIHAR	Araria	2811569	1463333	1348236	1195768
210	BIHAR	Kishanganj	1690400	866970	823430	745056

District_code	State_name	District_name	Population	Male	Female	Literate
211	BIHAR	Purnia	3264619	1699370	1565249	1332326
212	BIHAR	Katihar	3071029	1600430	1470599	1280190
213	BIHAR	Madhepura	2001762	1047559	954203	834577
214	BIHAR	Saharsa	1900661	997174	903487	804996
215	BIHAR	Darbhanga	3937385	2059949	1877436	1816634
216	BIHAR	Muzaffarpur	4801062	2527497	2273565	2509232
217	BIHAR	Gopalganj	2562012	1267666	1294346	1382998
218	BIHAR	Siwan	3330464	1675090	1655374	1930175
219	BIHAR	Saran	3951862	2022821	1929041	2157454
220	BIHAR	Vaishali	3495021	1844535	1650486	1926740
221	BIHAR	Samastipur	4261566	2230003	2031563	2142880
222	BIHAR	Begusarai	2970541	1567660	1402881	1548673
223	BIHAR	Khagaria	1666886	883786	783100	768028
224	BIHAR	Bhagalpur	3037766	1615663	1422103	1573066
225	BIHAR	Banka	2034763	1067140	967623	965321
226	BIHAR	Munger	1367765	729041	638724	801817
227	BIHAR	Lakhisarai	1000912	526345	474567	507270
228	BIHAR	Sheikhpura	636342	329743	306599	328676
229	BIHAR	Nalanda	2877653	1497060	1380593	1519933
230	BIHAR	Patna	5838465	3078512	2759953	3459679
231	BIHAR	Bhojpur	2728407	1430380	1298027	1599151
232	BIHAR	Buxar	1706352	887977	818375	989807
233	BIHAR	Kaimur (Bhabua)	1626384	847006	779378	920276
234	BIHAR	Rohtas	2959918	1543546	1416372	1799832
235	BIHAR	Aurangabad	2540073	1318684	1221389	1466002
236	BIHAR	Gaya	4391418	2266566	2124852	2297613
237	BIHAR	Nawada	2219146	1144668	1074478	1091012
238	BIHAR	Jamui	1760405	916064	844341	858588
239	BIHAR	Jehanabad	1125313	585582	539731	618881
240	BIHAR	Arwal	700843	363497	337346	386351

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241	SIKKIM	North District	43709	24730	18979	30450
242	SIKKIM	West District	136435	70238	66197	93432
243	SIKKIM	South District	146850	76670	70180	106741
244	SIKKIM	East District	283583	151432	132151	214329
245	ARUNACHAL PRADESH	Tawang	49977	29151	20826	26073
246	ARUNACHAL PRADESH	West Kameng	83947	46155	37792	48492
247	ARUNACHAL PRADESH	East Kameng	78690	38775	39915	38449
248	ARUNACHAL PRADESH	Papum Pare	176573	89182	87391	121048
249	ARUNACHAL PRADESH	Upper Subansiri	83448	41758	41690	45278
250	ARUNACHAL PRADESH	West Siang	112274	58168	54106	64746
251	ARUNACHAL PRADESH	East Siang	99214	50116	49098	62576
252	ARUNACHAL PRADESH	Upper Siang	35320	18699	16621	18195
253	ARUNACHAL PRADESH	Changlang	148226	76948	71278	73174
254	ARUNACHAL PRADESH	Tirap	111975	57604	54371	47974
255	ARUNACHAL PRADESH	Lower Subansiri	83030	41843	41187	54057
256	ARUNACHAL PRADESH	Kurung Kumey	92076	45318	46758	36606
257	ARUNACHAL PRADESH	Dibang Valley	8004	4414	3590	4436
258	ARUNACHAL PRADESH	Lower Dibang Valley	54080	28053	26027	31849
259	ARUNACHAL PRADESH	Lohit	145726	76221	69505	83062
260	ARUNACHAL PRADESH	Anjaw	21167	11507	9660	9990
261	NAGALAND	Mon	250260	131753	118507	119626

District_code	State_name	District_name	Population	Male	Female	Literate
262	NAGALAND	Mokokchung	194622	101092	93530	159494
263	NAGALAND	Zunheboto	140757	71217	69540	102881
264	NAGALAND	Wokha	166343	84505	81838	128208
265	NAGALAND	Dimapur	378811	197394	181417	278037
266	NAGALAND	Phek	163418	83743	79675	105893
267	NAGALAND	Tuensang	196596	101933	94663	117511
268	NAGALAND	Longleng	50484	26502	23982	29859
269	NAGALAND	Kiphire	74004	37830	36174	41232
270	NAGALAND	Kohima	267988	138966	129022	197489
271	NAGALAND	Peren	95219	49714	45505	62204
272	MANIPUR	Senapati	479148	247323	231825	264477
273	MANIPUR	Tamenglong	140651	72371	68280	85006
274	MANIPUR	Churachandpur	274143	138820	135323	195935
275	MANIPUR	Bishnupur	237399	118782	118617	156333
276	MANIPUR	Thoubal	422168	210845	211323	269304
277	MANIPUR	Imphal West	517992	255054	262938	392626
278	MANIPUR	Imphal East	456113	226094	230019	324664
279	MANIPUR	Ukhrul	183998	94718	89280	129829
280	MANIPUR	Chandel	144182	74579	69603	90302
281	MIZORAM	Mamit	86364	44828	41536	60191
282	MIZORAM	Kolasib	83955	42918	41037	65895
283	MIZORAM	Aizawl	400309	199270	201039	340595
284	MIZORAM	Champhai	125745	63388	62357	100802
285	MIZORAM	Serchhip	64937	32851	32086	54476
286	MIZORAM	Lunglei	161428	82891	78537	121122
287	MIZORAM	Lawngtlai	117894	60599	57295	62861
288	MIZORAM	Saiha	56574	28594	27980	42233
289	TRIPURA	West Tripura	1725739	879428	846311	1361354
290	TRIPURA	South Tripura	876001	447544	428457	646810
291	TRIPURA	Dhalai	378230	194544	183686	276217

District_code	State_name	District_name	Population	Male	Female	Literate
292	TRIPURA	North Tripura	693947	352860	341087	520402
293	MEGHALAYA	West Garo Hills	643291	324159	319132	358702
294	MEGHALAYA	East Garo Hills	317917	161223	156694	192147
295	MEGHALAYA	South Garo Hills	142334	73170	69164	82062
296	MEGHALAYA	West Khasi Hills	383461	193715	189746	230678
297	MEGHALAYA	Ribhoi	258840	132531	126309	155859
298	MEGHALAYA	East Khasi Hills	825922	410749	415173	578030
299	MEGHALAYA	Jaintia Hills	395124	196285	198839	187527
300	ASSAM	Kokrajhar	887142	452905	434237	489305
301	ASSAM	Dhubri	1949258	997848	951410	922341
302	ASSAM	Goalpara	1008183	513292	494891	563577
303	ASSAM	Barpeta	1693622	867004	826618	897058
304	ASSAM	Morigaon	957423	486651	470772	539902
305	ASSAM	Nagaon	2823768	1439112	1384656	1710716
306	ASSAM	Sonitpur	1924110	983904	940206	1108572
307	ASSAM	Lakhimpur	1042137	529674	512463	683486
308	ASSAM	Dhemaji	686133	351249	334884	423028
309	ASSAM	Tinsukia	1327929	680231	647698	798322
310	ASSAM	Dibrugarh	1326335	676434	649901	884531
311	ASSAM	Sivasagar	1151050	589216	561834	813505
312	ASSAM	Jorhat	1092256	556805	535451	794929
313	ASSAM	Golaghat	1066888	543161	523727	721764
314	ASSAM	Karbi Anglong	956313	490167	466146	557214
315	ASSAM	Dima Hasao	214102	110802	103300	140873
316	ASSAM	Cachar	1736617	886284	850333	1174128
317	ASSAM	Karimganj	1228686	625864	602822	795297
318	ASSAM	Hailakandi	659296	337890	321406	407366
319	ASSAM	Bongaigaon	738804	375818	362986	434078
320	ASSAM	Chirang	482162	244860	237302	259902
321	ASSAM	Kamrup	1517542	778461	739081	995319

District_code	State_name	District_name	Population	Male	Female	Literate
322	ASSAM	Kamrup Metropolitan	1253938	647585	606353	1001191
323	ASSAM	Nalbari	771639	396006	375633	531771
324	ASSAM	Baksa	950075	481330	468745	572837
325	ASSAM	Darrang	928500	475273	453227	487039
326	ASSAM	Udalguri	831668	421617	410051	469926
327	WEST BENGAL	Darjiling	1846823	937259	909564	1315585
328	WEST BENGAL	Jalpaiguri	3872846	1983064	1889782	2498780
329	WEST BENGAL	Koch Bihar	2819086	1451542	1367544	1850504
330	WEST BENGAL	Uttar Dinajpur	3007134	1551066	1456068	1489667
331	WEST BENGAL	Dakshin Dinajpur	1676276	857199	819077	1083685
332	WEST BENGAL	Maldah	3988845	2051541	1937304	2086432
333	WEST BENGAL	Murshidabad	7103807	3627564	3476243	4055834
334	WEST BENGAL	Birbhum	3502404	1790920	1711484	2158447
335	WEST BENGAL	Bardhaman	7717563	3966889	3750674	5247208
336	WEST BENGAL	Nadia	5167600	2653768	2513832	3480555
337	WEST BENGAL	North Twenty Four Parganas	10009781	5119389	4890392	7608693
338	WEST BENGAL	Hugli	5519145	2814653	2704492	4078388
339	WEST BENGAL	Bankura	3596674	1838095	1758579	2232992
340	WEST BENGAL	Puruliya	2930115	1496996	1433119	1624905
341	WEST BENGAL	Haora	4850029	2500819	2349210	3605206
342	WEST BENGAL	Kolkata	4496694	2356766	2139928	3588137
343	WEST BENGAL	South Twenty Four Parganas	8161961	4173778	3988183	5531657
344	WEST BENGAL	Paschim Medinipur	5913457	3007885	2905572	4078412
345	WEST BENGAL	Purba Medinipur	5095875	2629834	2466041	3923194
346	JHARKHAND	Garhwa	1322784	683575	639209	653476
347	JHARKHAND	Chatra	1042886	533935	508951	510061
348	JHARKHAND	Kodarma	716259	367222	349037	390249
349	JHARKHAND	Giridih	2445474	1258098	1187376	1253475
350	JHARKHAND	Deoghar	1492073	775022	717051	793538

District_code	State_name	District_name	Population	Male	Female	Literate
351	JHARKHAND	Godda	1313551	677927	635624	604519
352	JHARKHAND	Sahibganj	1150567	589391	561176	483263
353	JHARKHAND	Pakur	900422	452661	447761	352881
354	JHARKHAND	Dhanbad	2684487	1405956	1278531	1722204
355	JHARKHAND	Bokaro	2062330	1072807	989523	1273520
356	JHARKHAND	Lohardaga	461790	232629	229161	259707
357	JHARKHAND	Purbi Singhbhum	2293919	1176902	1117017	1507699
358	JHARKHAND	Palamu	1939869	1006302	933567	1024563
359	JHARKHAND	Latehar	726978	369666	357312	350682
360	JHARKHAND	Hazaribagh	1734495	890881	843614	1013249
361	JHARKHAND	Ramgarh	949443	494230	455213	596497
362	JHARKHAND	Dumka	1321442	668514	652928	672409
363	JHARKHAND	Jamtara	791042	404830	386212	426312
364	JHARKHAND	Ranchi	2914253	1494937	1419316	1911433
365	JHARKHAND	Khunti	531885	266335	265550	284575
366	JHARKHAND	Gumla	1025213	514390	510823	559720
367	JHARKHAND	Simdega	599578	300309	299269	343483
368	JHARKHAND	Pashchimi Singhbhum	1502338	749385	752953	727561
369	JHARKHAND	Saraikela-Kharsawan	1065056	544411	520645	612993
370	ORISSA	Bargarh	1481255	749161	732094	983783
371	ORISSA	Jharsuguda	579505	296690	282815	405879
372	ORISSA	Sambalpur	1041099	526877	514222	703691
373	ORISSA	Debagarh	312520	158230	154290	197819
374	ORISSA	Sundargarh	2093437	1061147	1032290	1342322
375	ORISSA	Kendujhar	1801733	906487	895246	1052518
376	ORISSA	Mayurbhanj	2519738	1256213	1263525	1369397
377	ORISSA	Baleshwar	2320529	1185787	1134742	1621232
378	ORISSA	Bhadrak	1506337	760260	746077	1094140
379	ORISSA	Kendrapara	1440361	717814	722547	1089265
380	ORISSA	Jagatsinghapur	1136971	577865	559106	889027

District_code	State_name	District_name	Population	Male	Female	Literate
381	ORISSA	Cuttack	2624470	1352760	1271710	2011469
382	ORISSA	Jajapur	1827192	926034	901158	1290455
383	ORISSA	Dhenkanal	1192811	612593	580218	829910
384	ORISSA	Anugul	1273821	655718	618103	869456
385	ORISSA	Nayagarh	962789	502636	460153	688362
386	ORISSA	Khordha	2251673	1167137	1084536	1749936
387	ORISSA	Puri	1698730	865380	833350	1291939
388	ORISSA	Ganjam	3529031	1779218	1749813	2210050
389	ORISSA	Gajapati	577817	282882	294935	262537
390	ORISSA	Kandhamal	733110	359945	373165	399786
391	ORISSA	Baudh	441162	221625	219537	271612
392	ORISSA	Subarnapur	610183	311312	298871	398421
393	ORISSA	Balangir	1648997	830097	818900	927260
394	ORISSA	Nuapada	610382	301962	308420	299383
395	ORISSA	Kalahandi	1576869	787101	789768	802036
396	ORISSA	Rayagada	967911	471960	495951	407735
397	ORISSA	Nabarangapur	1220946	604812	616134	470379
398	ORISSA	Koraput	1379647	678809	700838	568090
399	ORISSA	Malkangiri	613192	303624	309568	244706
400	CHHATTISGARH	Koriya	658917	334737	324180	397823
401	CHHATTISGARH	Surguja	2359886	1193129	1166757	1187941
402	CHHATTISGARH	Jashpur	851669	424747	426922	495415
403	CHHATTISGARH	Raigarh	1493984	750278	743706	951639
404	CHHATTISGARH	Korba	1206640	612915	593725	748759
405	CHHATTISGARH	Janjgir - Champa	1619707	815717	803990	1019634
406	CHHATTISGARH	Bilaspur	2663629	1351574	1312055	1596560
407	CHHATTISGARH	Kabeerdham	822526	412058	410468	414167
408	CHHATTISGARH	Rajnandgaon	1537133	762855	774278	1008379
409	CHHATTISGARH	Durg	3343872	1682101	1661771	2303378
410	CHHATTISGARH	Raipur	4063872	2048186	2015686	2629749

District_code	State_name	District_name	Population	Male	Female	Literate
411	CHHATTISGARH	Mahasamund	1032754	511967	520787	637963
412	CHHATTISGARH	Dhamtari	799781	397897	401884	546833
413	CHHATTISGARH	Uttar Bastar Kanker	748941	373338	375603	456042
414	CHHATTISGARH	Bastar	1413199	698487	714712	650863
415	CHHATTISGARH	Narayanpur	139820	70104	69716	56621
416	CHHATTISGARH	Dakshin Bastar Dantewada	533638	264142	269496	191237
417	CHHATTISGARH	Bijapur	255230	128663	126567	86919
418	MADHYA PRADESH	Sheopur	687861	361784	326077	328025
419	MADHYA PRADESH	Morena	1965970	1068417	897553	1179685
420	MADHYA PRADESH	Bhind	1703005	926843	776162	1094917
421	MADHYA PRADESH	Gwalior	2032036	1090327	941709	1357210
422	MADHYA PRADESH	Datia	786754	420157	366597	491445
423	MADHYA PRADESH	Shivpuri	1726050	919795	806255	900846
424	MADHYA PRADESH	Tikamgarh	1445166	760355	684811	747940
425	MADHYA PRADESH	Chhatarpur	1762375	936121	826254	943033
426	MADHYA PRADESH	Panna	1016520	533480	483040	552559
427	MADHYA PRADESH	Sagar	2378458	1256257	1122201	1545719
428	MADHYA PRADESH	Damoh	1264219	661873	602346	747715
429	MADHYA PRADESH	Satna	2228935	1157495	1071440	1371781
430	MADHYA PRADESH	Rewa	2365106	1225100	1140006	1441757
431	MADHYA PRADESH	Umaria	644758	330674	314084	356672
432	MADHYA	Neemuch	826067	422653	403414	508834

District_code	State_name	District_name	Population	Male	Female	Literate
PRADESH						
433	MADHYA PRADESH	Mandsaur	1340411	682851	657560	834591
434	MADHYA PRADESH	Ratlam	1455069	738241	716828	825880
435	MADHYA PRADESH	Ujjain	1986864	1016289	970575	1240990
436	MADHYA PRADESH	Shajapur	1512681	780520	732161	894612
437	MADHYA PRADESH	Dewas	1563715	805359	758356	925369
438	MADHYA PRADESH	Dhar	2185793	1112725	1073068	1077338
439	MADHYA PRADESH	Indore	3276697	1699627	1577070	2309130
440	MADHYA PRADESH	Khargone (West Nimar)	1873046	953121	919925	986234
441	MADHYA PRADESH	Barwani	1385881	699340	686541	549926
442	MADHYA PRADESH	Rajgarh	1545814	790212	755602	804245
443	MADHYA PRADESH	Vidisha	1458875	769568	689307	862918
444	MADHYA PRADESH	Bhopal	2371061	1236130	1134931	1660690
445	MADHYA PRADESH	Sehore	1311332	683743	627589	780362
446	MADHYA PRADESH	Raisen	1331597	700358	631239	820220
447	MADHYA PRADESH	Betul	1575362	799236	776126	939769
448	MADHYA PRADESH	Harda	570465	294838	275627	352550
449	MADHYA PRADESH	Hoshangabad	1241350	648725	592625	810644
450	MADHYA PRADESH	Katni	1292042	662013	630029	790773
451	MADHYA PRADESH	Jabalpur	2463289	1277278	1186011	1756468

District_code	State_name	District_name	Population	Male	Female	Literate
452	MADHYA PRADESH	Narsimhapur	1091854	568810	523044	718785
453	MADHYA PRADESH	Dindori	704524	351913	352611	378714
454	MADHYA PRADESH	Mandla	1054905	525272	529633	604962
455	MADHYA PRADESH	Chhindwara	2090922	1064468	1026454	1294198
456	MADHYA PRADESH	Seoni	1379131	695879	683252	864194
457	MADHYA PRADESH	Balaghat	1701698	842178	859520	1147623
458	MADHYA PRADESH	Guna	1241519	649362	592157	653980
459	MADHYA PRADESH	Ashoknagar	845071	443837	401234	469109
460	MADHYA PRADESH	Shahdol	1066063	540021	526042	604194
461	MADHYA PRADESH	Anuppur	749237	379114	370123	436595
462	MADHYA PRADESH	Sidhi	1127033	575912	551121	600785
463	MADHYA PRADESH	Singrauli	1178273	613637	564636	585054
464	MADHYA PRADESH	Jhabua	1025048	515023	510025	352081
465	MADHYA PRADESH	Alirajpur	728999	362542	366457	209754
466	MADHYA PRADESH	Khandwa (East Nimar)	1310061	674329	635732	731615
467	MADHYA PRADESH	Burhanpur	757847	388504	369343	408679
468	GUJARAT	Kachchh	2092371	1096737	995634	1252319
469	GUJARAT	Banas Kantha	3120506	1610379	1510127	1704923
470	GUJARAT	Patan	1343734	694397	649337	837913
471	GUJARAT	Mahesana	2035064	1056520	978544	1502645
472	GUJARAT	Sabar Kantha	2428589	1244231	1184358	1578734

District_code	State_name	District_name	Population	Male	Female	Literate
473	GUJARAT	Gandhinagar	1391753	723864	667889	1030494
474	GUJARAT	Ahmadabad	7214225	3788051	3426174	5435760
475	GUJARAT	Surendranagar	1756268	909917	846351	1093626
476	GUJARAT	Rajkot	3804558	1974445	1830113	2725056
477	GUJARAT	Jamnagar	2160119	1114192	1045927	1396534
478	GUJARAT	Porbandar	585449	300209	285240	393678
479	GUJARAT	Junagadh	2743082	1404356	1338726	1842818
480	GUJARAT	Amreli	1514190	771049	743141	995459
481	GUJARAT	Bhavnagar	2880365	1490201	1390164	1887255
482	GUJARAT	Anand	2092745	1087224	1005521	1551253
483	GUJARAT	Kheda	2299885	1185727	1114158	1660243
484	GUJARAT	Panch Mahals	2390776	1226961	1163815	1440805
485	GUJARAT	Dohad	2127086	1068651	1058435	1007171
486	GUJARAT	Vadodara	4165626	2153736	2011890	2893080
487	GUJARAT	Narmada	590297	301086	289211	370336
488	GUJARAT	Bharuch	1551019	805707	745312	1118276
489	GUJARAT	The Dangs	228291	113821	114470	140968
490	GUJARAT	Navsari	1329672	678165	651507	1001909
491	GUJARAT	Valsad	1705678	887222	818456	1170657
492	GUJARAT	Surat	6081322	3402224	2679098	4571410
493	GUJARAT	Tapi	807022	402188	404834	490036
494	DAMAN AND DIU	Diu	52074	25642	26432	38058
495	DAMAN AND DIU	Daman	191173	124659	66514	150348
496	DADRA AND NAGAR HAVELI	Dadra AND Nagar Haveli	343709	193760	149949	223230
497	MAHARASHTRA	Nandurbar	1648295	833170	815125	906509
498	MAHARASHTRA	Dhule	2050862	1054031	996831	1293916
499	MAHARASHTRA	Jalgaon	4229917	2197365	2032552	2891882
500	MAHARASHTRA	Buldana	2586258	1337560	1248698	1879874
501	MAHARASHTRA	Akola	1813906	932334	881572	1411281

District_code	State_name	District_name	Population	Male	Female	Literate
502	MAHARASHTRA	Washim	1197160	620302	576858	869917
503	MAHARASHTRA	Amravati	2888445	1480768	1407677	2251875
504	MAHARASHTRA	Wardha	1300774	668385	632389	1019458
505	MAHARASHTRA	Nagpur	4653570	2384975	2268595	3673808
506	MAHARASHTRA	Bhandara	1200334	605520	594814	899860
507	MAHARASHTRA	Gondiya	1322507	661554	660953	1004243
508	MAHARASHTRA	Gadchiroli	1072942	541328	531614	708365
509	MAHARASHTRA	Chandrapur	2204307	1123834	1080473	1578615
510	MAHARASHTRA	Yavatmal	2772348	1419965	1352383	2022574
511	MAHARASHTRA	Nanded	3361292	1730075	1631217	2189425
512	MAHARASHTRA	Hingoli	1177345	606294	571051	790743
513	MAHARASHTRA	Parbhani	1836086	942870	893216	1157814
514	MAHARASHTRA	Jalna	1959046	1011473	947573	1195523
515	MAHARASHTRA	Aurangabad	3701282	1924469	1776813	2503837
516	MAHARASHTRA	Nashik	6107187	3157186	2950001	4345366
517	MAHARASHTRA	Thane	11060148	5865078	5195070	8227161
518	MAHARASHTRA	Mumbai Suburban	9356962	5031323	4325639	7575485
519	MAHARASHTRA	Mumbai	3085411	1684608	1400803	2509022
520	MAHARASHTRA	Raigarh	2634200	1344345	1289855	1939994
521	MAHARASHTRA	Pune	9429408	4924105	4505303	7171723
522	MAHARASHTRA	Ahmadnagar	4543159	2342825	2200334	3151890
523	MAHARASHTRA	Bid	2585049	1349106	1235943	1718507
524	MAHARASHTRA	Latur	2454196	1273140	1181056	1650672
525	MAHARASHTRA	Osmanabad	1657576	861535	796041	1137810
526	MAHARASHTRA	Solapur	4317756	2227852	2089904	2910676
527	MAHARASHTRA	Satara	3003741	1510842	1492899	2225694
528	MAHARASHTRA	Ratnagiri	1615069	761121	853948	1199392
529	MAHARASHTRA	Sindhudurg	849651	417332	432319	666067
530	MAHARASHTRA	Kolhapur	3876001	1980658	1895343	2825845
531	MAHARASHTRA	Sangli	2822143	1435728	1386415	2049467

District_code	State_name	District_name	Population	Male	Female	Literate
532	ANDHRA PRADESH	Adilabad	2741239	1369597	1371642	1483347
533	ANDHRA PRADESH	Nizamabad	2551335	1250641	1300694	1389810
534	ANDHRA PRADESH	Karimnagar	3776269	1880800	1895469	2206829
535	ANDHRA PRADESH	Medak	3033288	1523030	1510258	1637137
536	ANDHRA PRADESH	Hyderabad	3943323	2018575	1924748	2892155
537	ANDHRA PRADESH	Rangareddy	5296741	2701008	2595733	3538028
538	ANDHRA PRADESH	Mahbubnagar	4053028	2050386	2002642	1940646
539	ANDHRA PRADESH	Nalgonda	3488809	1759772	1729037	2001019
540	ANDHRA PRADESH	Warangal	3512576	1759281	1753295	2065023
541	ANDHRA PRADESH	Khammam	2797370	1390988	1406382	1630234
542	ANDHRA PRADESH	Srikakulam	2703114	1341738	1361376	1495381
543	ANDHRA PRADESH	Vizianagaram	2344474	1161477	1182997	1238388
544	ANDHRA PRADESH	Visakhapatnam	4290589	2138910	2151679	2568249
545	ANDHRA PRADESH	East Godavari	5154296	2569688	2584608	3288577
546	ANDHRA PRADESH	West Godavari	3936966	1964918	1972048	2652389
547	ANDHRA PRADESH	Krishna	4517398	2267375	2250023	3009718
548	ANDHRA PRADESH	Guntur	4887813	2440521	2447292	2960441
549	ANDHRA PRADESH	Prakasam	3397448	1714764	1682684	1904435
550	ANDHRA PRADESH	Sri Potti Sriramulu Nellore	2963557	1492974	1470583	1832189

District_code	State_name	District_name	Population	Male	Female	Literate
551	ANDHRA PRADESH	Y.S.R.	2882469	1451777	1430692	1716766
552	ANDHRA PRADESH	Kurnool	4053463	2039227	2014236	2127161
553	ANDHRA PRADESH	Anantapur	4081148	2064495	2016653	2310960
554	ANDHRA PRADESH	Chittoor	4174064	2090204	2083860	2667878
555	KARNATAKA	Belgaum	4779661	2423063	2356598	3052032
556	KARNATAKA	Bagalkot	1889752	950111	939641	1113412
557	KARNATAKA	Bijapur	2177331	1111022	1066309	1248268
558	KARNATAKA	Bidar	1703300	870665	832635	1042673
559	KARNATAKA	Raichur	1928812	964511	964301	979769
560	KARNATAKA	Koppal	1389920	699926	689994	809085
561	KARNATAKA	Gadag	1064570	537147	527423	700177
562	KARNATAKA	Dharwad	1847023	937206	909817	1301664
563	KARNATAKA	Uttara Kannada	1437169	726256	710913	1081906
564	KARNATAKA	Haveri	1597668	819128	778540	1085443
565	KARNATAKA	Bellary	2452595	1236954	1215641	1421621
566	KARNATAKA	Chitradurga	1659456	840843	818613	1087392
567	KARNATAKA	Davanagere	1945497	986400	959097	1308540
568	KARNATAKA	Shimoga	1752753	877415	875338	1263016
569	KARNATAKA	Udupi	1177361	562131	615230	926429
570	KARNATAKA	Chikmagalur	1137961	566622	571339	818345
571	KARNATAKA	Tumkur	2678980	1350594	1328386	1813391
572	KARNATAKA	Bangalore	9621551	5022661	4598890	7512276
573	KARNATAKA	Mandya	1805769	905085	900684	1149649
574	KARNATAKA	Hassan	1776421	883667	892754	1225256
575	KARNATAKA	Dakshina Kannada	2089649	1034714	1054935	1666323
576	KARNATAKA	Kodagu	554519	274608	279911	412877
577	KARNATAKA	Mysore	3001127	1511600	1489527	1962180
578	KARNATAKA	Chamarajanagar	1020791	512231	508560	565279

District_code	State_name	District_name	Population	Male	Female	Literate
579	KARNATAKA	Gulbarga	2566326	1301755	1264571	1427368
580	KARNATAKA	Yadgir	1174271	590329	583942	510003
581	KARNATAKA	Kolar	1536401	776396	760005	1016219
582	KARNATAKA	Chikkaballapura	1255104	636437	618667	783222
583	KARNATAKA	Bangalore Rural	990923	509172	481751	688749
584	KARNATAKA	Ramanagara	1082636	548008	534628	674758
585	GOA	North Goa	818008	416677	401331	663060
586	GOA	South Goa	640537	322463	318074	502427
587	LAKSHADWEEP	Lakshadweep	64473	33123	31350	52553
588	KERALA	Kasaragod	1307375	628613	678762	1037492
589	KERALA	Kannur	2523003	1181446	1341557	2138434
590	KERALA	Wayanad	817420	401684	415736	645585
591	KERALA	Kozhikode	3086293	1470942	1615351	2615443
592	KERALA	Malappuram	4112920	1960328	2152592	3311315
593	KERALA	Palakkad	2809934	1359478	1450456	2239492
594	KERALA	Thrissur	3121200	1480763	1640437	2678548
595	KERALA	Ernakulam	3282388	1619557	1662831	2855676
596	KERALA	Idukki	1108974	552808	556166	923010
597	KERALA	Kottayam	1974551	968289	1006262	1749798
598	KERALA	Alappuzha	2127789	1013142	1114647	1852797
599	KERALA	Pathanamthitta	1197412	561716	635696	1062553
600	KERALA	Kollam	2635375	1246968	1388407	2240273
601	KERALA	Thiruvananthapuram	3301427	1581678	1719749	2785408
602	TAMIL NADU	Thiruvallur	3728104	1876062	1852042	2791721
603	TAMIL NADU	Chennai	4646732	2335844	2310888	3776276
604	TAMIL NADU	Kancheepuram	3998252	2012958	1985294	3013382
605	TAMIL NADU	Vellore	3936331	1961688	1974643	2773928
606	TAMIL NADU	Tiruvannamalai	2464875	1235889	1228986	1626813
607	TAMIL NADU	Viluppuram	3458873	1740819	1718054	2195776
608	TAMIL NADU	Salem	3482056	1781571	1700485	2285562

District_code	State_name	District_name	Population	Male	Female	Literate
609	TAMIL NADU	Namakkal	1726601	869280	857321	1176131
610	TAMIL NADU	Erode	2251744	1129868	1121876	1492662
611	TAMIL NADU	The Nilgiris	735394	360143	375251	569647
612	TAMIL NADU	Dindigul	2159775	1080938	1078837	1481834
613	TAMIL NADU	Karur	1064493	528184	536309	727044
614	TAMIL NADU	Tiruchirappalli	2722290	1352284	1370006	2038981
615	TAMIL NADU	Perambalur	565223	282157	283066	375823
616	TAMIL NADU	Ariyalur	754894	374703	380191	480604
617	TAMIL NADU	Cuddalore	2605914	1311697	1294217	1815281
618	TAMIL NADU	Nagapattinam	1616450	798127	818323	1213008
619	TAMIL NADU	Thiruvarur	1264277	626693	637584	946471
620	TAMIL NADU	Thanjavur	2405890	1182416	1223474	1790998
621	TAMIL NADU	Pudukkottai	1618345	803188	815157	1110545
622	TAMIL NADU	Sivaganga	1339101	668672	670429	959744
623	TAMIL NADU	Madurai	3038252	1526475	1511777	2273430
624	TAMIL NADU	Theni	1245899	625683	620216	870080
625	TAMIL NADU	Virudhunagar	1942288	967709	974579	1398788
626	TAMIL NADU	Ramanathapuram	1353445	682658	670787	978946
627	TAMIL NADU	Thoothukkudi	1750176	865021	885155	1349697
628	TAMIL NADU	Tirunelveli	3077233	1520912	1556321	2273457
629	TAMIL NADU	Kanniyakumari	1870374	926345	944029	1548738
630	TAMIL NADU	Dharmapuri	1506843	774303	732540	917709
631	TAMIL NADU	Krishnagiri	1879809	960232	919577	1187958
632	TAMIL NADU	Coimbatore	3458045	1729297	1728748	2635907
633	TAMIL NADU	Tiruppur	2479052	1246159	1232893	1760566
634	PONDICHERRY	Yanam	55626	27301	28325	39274
635	PONDICHERRY	PONDICHERRY	950289	468258	482031	726649
636	PONDICHERRY	Mahe	41816	19143	22673	36470
637	PONDICHERRY	Karaikal	200222	97809	102413	154916
638	ANDAMAN AND NICOBAR	Nicobars	36842	20727	16115	25332

District_code	State_name	District_name	Population	Male	Female	Literate
ISLANDS						
639	ANDAMAN AND NICOBAR ISLANDS	North AND Middle Andaman	105597	54861	50736	78683
640	ANDAMAN AND NICOBAR ISLANDS	South Andaman	238142	127283	110859	190266

Task: Extract the records of New Delhi, Lucknow and Jaipur only

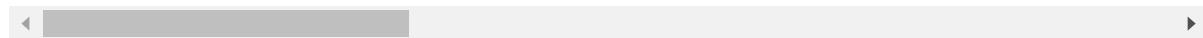
Method 1:

```
In [57]: census[census['District_name'].isin(['New Delhi', 'Lucknow', 'Jaipur'])]
```

```
Out[57]:
```

	District_code	State_name	District_name	Population	Male	Female	Literate	Wc
93	94	NCT OF DELHI	New Delhi	142004	77942	64062	114179	1
109	110	RAJASTHAN	Jaipur	6626178	3468507	3157671	4300965	246
156	157	UTTAR PRADESH	Lucknow	4589838	2394476	2195362	3127260	154

3 rows × 25 columns



Task: Statewise population data extraction

```
In [65]: census_statewise=pd.DataFrame(census.groupby('State_name')['Population'].sum().reset_index())
```

Out[65]:

	State_name	Population
32	UTTAR PRADESH	199812341
19	MAHARASHTRA	112374333
4	BIHAR	104099452
34	WEST BENGAL	91276115
1	ANDHRA PRADESH	84580777
18	MADHYA PRADESH	72626809
30	TAMIL NADU	72147030
28	RAJASTHAN	68548437
15	KARNATAKA	61095297
10	GUJARAT	60439692
25	ORISSA	41974218
16	KERALA	33406061
14	JHARKHAND	32988134
3	ASSAM	31205576
27	PUNJAB	27743338
6	CHHATTISGARH	25545198
11	HARYANA	25351462
24	NCT OF DELHI	16787941
13	JAMMU AND KASHMIR	12541302
33	UTTARAKHAND	10086292
12	HIMACHAL PRADESH	6864602
31	TRIPURA	3673917
21	MEGHALAYA	2966889
20	MANIPUR	2855794
23	NAGALAND	1978502
9	GOA	1458545
2	ARUNACHAL PRADESH	1383727
26	PONDICHERRY	1247953
22	MIZORAM	1097206
5	CHANDIGARH	1055450

	State_name	Population
29	SIKKIM	610577
0	ANDAMAN AND NICOBAR ISLANDS	380581
7	DADRA AND NAGAR HAVELI	343709
8	DAMAN AND DIU	243247
17	LAKSHADWEEP	64473

Task: Population with respect to different religions

```
In [78]: census_religion=census.groupby('State_name')\n[[['Hindus', 'Muslims', 'Christians', 'Sikhs', 'Buddhists', 'Jains']]]\n.sum().assign(\n    census_religion
```

Out[78]:	Hindus	Muslims	Christians	Sikhs	Buddhists	Jains	total_po
State_name							
ANDAMAN AND NICOBAR ISLANDS	264296	32413	80984	1286	338	31	37934
ANDHRA PRADESH	74824149	8082412	1129784	40244	36692	53849	8416713
ARUNACHAL PRADESH	401876	27045	418732	3287	162815	771	101452
ASSAM	19180759	10679345	1165867	20672	54993	25949	3112758
BIHAR	86078686	17557809	129247	23779	25453	18914	10383388
CHANDIGARH	852574	51447	8720	138329	1160	1960	105419
CHHATTISGARH	23819789	514998	490542	70036	70467	61510	2502734
DADRA AND NAGAR HAVELI	322857	12922	5113	217	634	1186	34292
DAMAN AND DIU	220150	19277	2820	172	217	287	24292
GOA	963877	121564	366130	1473	1095	1109	145524
GUJARAT	53533988	5846761	316178	58246	30483	579654	6036531
HARYANA	22171128	1781342	50353	1243752	7514	52613	2530670
HIMACHAL PRADESH	6532765	149881	12646	79896	78659	1805	685565
JAMMU AND KASHMIR	3566674	8567485	35631	234848	112584	2490	1251971
JHARKHAND	22376051	4793994	1418608	71422	8956	14974	2868400
KARNATAKA	51317472	7893065	1142647	28773	95710	440280	6091794
KERALA	18282492	8873472	6141269	3814	4752	4489	3331028
LAKSHADWEEP	1788	62268	317	8	10	11	6440
MADHYA PRADESH	66007121	4774695	213282	151412	216052	567028	7192959
MAHARASHTRA	89703057	12971152	1080073	223247	6531200	1400349	11190907
MANIPUR	1181876	239836	1179043	1527	7084	1692	261105
MEGHALAYA	342078	130399	2213027	3045	9864	627	269904
MIZORAM	30136	14832	956331	286	93411	376	109537
NAGALAND	173054	48963	1739651	1890	6759	2655	197297

State_name	Hindus	Muslims	Christians	Sikhs	Buddhists	Jains	total_po
NCT OF DELHI	13712100	2158684	146093	570581	18449	166231	1677213
ORISSA	39300341	911670	1161708	21991	13852	9420	4141898
PONDICHERRY	1089409	75556	78550	297	451	1400	124566
PUNJAB	10678138	535489	348230	16004754	33237	45040	2764488
RAJASTHAN	60657103	6215377	96430	872930	12185	622023	6847604
SIKKIM	352662	9867	60522	1868	167216	314	59244
TAMIL NADU	63188168	4229479	4418331	14601	11186	89265	7195103
TRIPURA	3063903	316042	159882	1070	125385	860	366714
UTTAR PRADESH	159312654	38483967	356448	643500	206285	213267	19921612
UTTARAKHAND	8368636	1406825	37781	236340	14926	9183	1007369
WEST BENGAL	64385546	24654825	658618	63523	282898	60141	9010555

Task: How many male workers in Maharashtra state?

```
In [110...]: census_maha_male=census[census['State_name']=='MAHARASHTRA']['Male_Workers'].sum()
census_maha_male
```

Out[110...]: 32616875

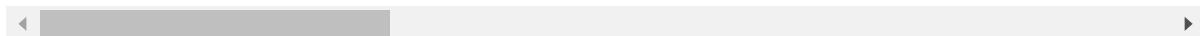
Task: Set District_code as index of DF

```
In [114...]: census.set_index('District_code')
```

Out[114...]

	State_name	District_name	Population	Male	Female	Literate	Workers
District_code							
1	JAMMU AND KASHMIR	Kupwara	870354	474190	396164	439654	229064
2	JAMMU AND KASHMIR	Badgam	753745	398041	355704	335649	214866
3	JAMMU AND KASHMIR	Leh(Ladakh)	133487	78971	54516	93770	75079
4	JAMMU AND KASHMIR	Kargil	140802	77785	63017	86236	51873
5	JAMMU AND KASHMIR	Punch	476835	251899	224936	261724	161393
...
636	PONDICHERRY	Mahe	41816	19143	22673	36470	11802
637	PONDICHERRY	Karaikal	200222	97809	102413	154916	68301
638	ANDAMAN AND NICOBAR ISLANDS	Nicobars	36842	20727	16115	25332	17125
639	ANDAMAN AND NICOBAR ISLANDS	North AND Middle Andaman	105597	54861	50736	78683	38579
640	ANDAMAN AND NICOBAR ISLANDS	South Andaman	238142	127283	110859	190266	96831

640 rows × 24 columns



1: Add prefix 'IN_' in columns of DF

2: Add suffix '_Cen2011' in columns of DF

In [123...]

```
census=census.add_prefix('IN_')
```

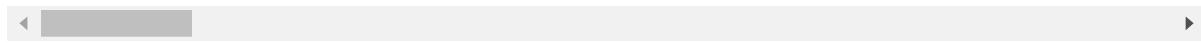
In [124...]

```
census=census.add_suffix('_cen2011')
census
```

Out[124...]

	IN_District_code_cen2011_cen2011	IN_State_name_cen2011_cen2011	IN_District_name_c
0	1	JAMMU AND KASHMIR	
1	2	JAMMU AND KASHMIR	
2	3	JAMMU AND KASHMIR	
3	4	JAMMU AND KASHMIR	
4	5	JAMMU AND KASHMIR	
...
635	636	PONDICHERRY	
636	637	PONDICHERRY	
637	638	ANDAMAN AND NICOBAR ISLANDS	
638	639	ANDAMAN AND NICOBAR ISLANDS	North AND
639	640	ANDAMAN AND NICOBAR ISLANDS	

640 rows × 25 columns



In []: