

In [6]:

```
#importing libraries
import pandas as pd
```

In [7]:

```
data=pd.read_csv("C:\\Users\\hp\\Downloads\\NCRB_CII-2019_Table_19B.2.csv")
df=pd.DataFrame(data)
df
```

Out [7]:

			Juveniles Apprehended - Boys	Juveniles Apprehended - Girls	Juveniles Apprehended - Total	18 and above and below 30 years - Male	18 and above and below 30 years - Female	18 and above and below 30 years - Total	30 and above and below 45 years - Male	30 and above and below 45 years - Female	30 and above and below 45 years - Total	45 and above and below 60 years - Male	45 and above and below 60 years - Female	45 and above and below 60 years - Total	60 years and above - Male	60 years and above - Female	60 years and above - Total	Total - Male	Total - Female	Total - Total Persons Arrested by age and Sex
0	1	Ahmedabad (Gujarat)	298	0	298	14488	950	15438	12385	1290	13675	4264	668	4932	463	146	609	31898	3054	34952
1	2	Bengaluru(Karnataka)	197	3	200	13577	579	14156	9602	974	10576	2531	381	2912	430	84	514	26337	2021	28358
2	3	Chennai(Tamil Nadu)	816	0	816	13717	1117	14834	21194	2577	23771	16070	917	16987	2007	93	2100	53804	4704	58508
3	4	Coimbatore(Tamil Nadu)	35	0	35	3248	488	3736	2674	293	2967	759	189	948	224	62	286	6940	1032	7972
4	5	Delhi	3073	2	3075	54129	1003	55132	30474	834	31308	8769	266	9035	514	22	536	96959	2127	99086
5	6	Ghaziabad(Uttar Pradesh)	0	0	0	1192	5	1197	2241	1	2242	837	1	838	0	0	0	4270	7	4277
6	7	Hyderabad(Telangana)	377	0	377	2839	150	2989	3376	129	3505	1197	30	1227	101	1	102	7890	310	8200
7	8	Indore(Madhya Pradesh)	275	6	281	5396	248	5644	2873	198	3071	635	74	709	52	11	63	9231	537	9768
8	9	Jaipur(Rajasthan)	404	1	405	7630	491	8121	4533	474	5007	2421	250	2671	121	19	140	15109	1235	16344
9	10	Kanpur(Uttar Pradesh)	9	0	9	5360	52	5412	2228	17	2245	752	7	759	0	0	0	8349	76	8425
10	11	Kochi(Kerala)	15	0	15	6253	50	6303	5883	184	6067	2588	43	2631	191	2	193	14930	279	15209
11	12	Kolkata(West Bengal)	19	0	19	6773	1112	7885	4216	862	5078	1203	269	1472	38	0	38	12249	2243	14492
12	13	Kozhikode(Kerala)	26	0	26	1373	33	1406	1895	77	1972	658	43	701	135	18	153	4087	171	4258
13	14	Lucknow(Uttar Pradesh)	80	0	80	8192	0	8192	0	0	0	0	0	0	0	0	0	8272	0	8272
14	15	Mumbai(Maharashtra)	668	0	668	26772	1323	28095	18065	1356	19421	5265	476	5741	542	76	618	51312	3231	54543
15	16	Nagpur(Maharashtra)	442	2	444	4918	160	5078	4294	217	4511	915	67	982	45	18	63	10614	464	11078
16	17	Patna(Bihar)	15	0	15	4480	31	4511	2839	16	2855	902	1	903	0	0	0	8236	48	8284
17	18	Pune(Maharashtra)	420	0	420	7848	357	8205	5885	473	6358	1655	242	1897	177	66	243	15985	1138	17123
18	19	Surat(Gujarat)	621	2	623	13237	283	13520	7708	479	8187	2617	423	3040	195	55	250	24378	1242	25620
19	Grand Total	TOTAL CITIES	7790	16	7806	201422	8432	209854	142365	10451	152816	54038	4347	58385	5235	673	5908	410850	23919	434769

In [5]:

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df[df['Total - Male'] < 50000]
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Out [5]:

			Juveniles Apprehended - Boys	Juveniles Apprehended - Girls	Juveniles Apprehended - Total	18 and above and below 30 years - Male	18 and above and below 30 years - Female	18 and above and below 30 years - Total	30 and above and below 45 years - Male	30 and above and below 45 years - Female	30 and above and below 45 years - Total	45 and above and below 60 years - Male	45 and above and below 60 years - Female	45 and above and below 60 years - Total	60 years and above - Male	60 years and above - Female	60 years and above - Total	Total - Male	Total - Female	Total - Total Persons Arrested by age and Sex
0	1	Ahmedabad (Gujarat)	298	0	298	14488	950	15438	12385	1290	13675	4264	668	4932	463	146	609	31898	3054	34952
1	2	Bengaluru(Karnataka)	197	3	200	13577	579	14156	9602	974	10576	2531	381	2912	430	84	514	26337	2021	28358
3	4	Coimbatore(Tamil Nadu)	35	0	35	3248	488	3736	2674	293	2967	759	189	948	224	62	286	6940	1032	7972
5	6	Ghaziabad(Uttar Pradesh)	0	0	0	1192	5	1197	2241	1	2242	837	1	838	0	0	0	4270	7	4277
6	7	Hyderabad(Telangana)	377	0	377	2839	150	2989	3376	129	3505	1197	30	1227	101	1	102	7890	310	8200
7	8	Indore(Madhya Pradesh)	275	6	281	5396	248	5644	2873	198	3071	635	74	709	52	11	63	9231	537	9768
8	9	Jaipur(Rajasthan)	404	1	405	7630	491	8121	4533	474	5007	2421	250	2671	121	19	140	15109	1235	16344
9	10	Kanpur(Uttar Pradesh)	9	0	9	5360	52	5412	2228	17	2245	752	7	759	0	0	0	8349	76	8425
10	11	Kochi(Kerala)	15	0	15	6253	50	6303	5883	184	6067	2588	43	2631	191	2	193	14930	279	15209
11	12	Kolkata(West Bengal)	19	0	19	6773	1112	7885	4216	862	5078	1203	269	1472	38	0	38	12249	2243	14492
12	13	Kozhikode(Kerala)	26	0	26	1373	33	1406	1895	77	1972	658	43	701	135	18	153	4087	171	4258
13	14	Lucknow(Uttar Pradesh)	80	0	80	8192	0	8192	0	0	0	0	0	0	0	0	0	8272	0	8272
15	16	Nagpur(Maharashtra)	442	2	444	4918	160	5078	4294	217	4511	915	67	982	45	18	63	10614	464	11078
16	17	Patna(Bihar)	15	0	15	4480	31	4511	2839	16	2855	902	1	903	0	0	0	8236	48	8284
17	18	Pune(Maharashtra)	420	0	420	7848	357	8205	5885	473	6358	1655	242	1897	177	66	243	15985	1138	17123
18	19	Surat(Gujarat)	621	2	623	13237	283	13520	7708	479	8187	2617	423	3040	195	55	250	24378	1242	25620

In [8]:

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df[df['Total - Female'] > 20000]
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Out [8]:

			Juveniles Apprehended - Boys	Juveniles Apprehended - Girls	Juveniles Apprehended - Total	18 and above and below 30 years - Male	18 and above and below 30 years - Female	18 and above and below 30 years - Total	30 and above and below 45 years - Male	30 and above and below 45 years - Female	30 and above and below 45 years - Total	45 and above and below 60 years - Male	45 and above and below 60 years - Female	45 and above and below 60 years - Total	60 years and above - Male	60 years and above - Female	60 years and above - Total	Total - Male	Total - Female	Total - Total Persons Arrested by age and Sex
19	Grand Total	TOTAL CITIES	7790	16	7806	201422	8432	209854	142365	10451	152816	54038	4347	58385	5235	673	5908	410850	23919	434769

In [23]:

```
df[df[' Juveniles Apprehended - Boys'] < 200] #juveniles apprehended boys less than 200
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Out [23]:

			Juveniles Apprehended - Boys	Juveniles Apprehended - Girls	Juveniles Apprehended - Total	18 and above and below 30 years - Male	18 and above and below 30 years - Female	18 and above and below 30 years - Total	30 and above and below 45 years - Male	30 and above and below 45 years - Female	30 and above and below 45 years - Total	45 and above and below 60 years - Male	45 and above and below 60 years - Female	45 and above and below 60 years - Total	60 years and above - Male	60 years and above - Female	60 years and above - Total	Total - Male	Total - Female	Total - Total Persons Arrested by age and Sex
1	2	Bengaluru(Karnataka)	197	3	200	13577	579	14156	9602	974	10576	2531	381	2912	430	84	514	26337	2021	28358
3	4	Coimbatore(Tamil Nadu)	35	0	35	3248	488	3736	2674	293	2967	759	189	948	224	62	286	6940	1032	7972
5	6	Ghaziabad(Uttar Pradesh)	0	0	0	1192	5	1197	2241	1	2242	837	1	838	0	0	0	4270	7	4277
9	10	Kanpur(Uttar Pradesh)	9	0	9	5360	52	5412	2228	17	2245	752	7	759	0	0	0	8349	76	8425
10	11	Kochi(Kerala)	15	0	15	6253	50	6303	5883	184	6067	2588	43	2631	191	2	193	14930	279	15209
11	12	Kolkata(West Bengal)	19	0	19	6773	1112	7885	4216	862	5078	1203	269	1472	38	0	38	12249	2243	14492
12	13	Kozhikode(Kerala)	26	0	26	1373	33	1406	1895	77	1972	658	43	701	135	18	153	4087	171	4258
13	14	Lucknow(Uttar Pradesh)	80	0	80	8192	0	8192	0	0	0	0	0	0	0	0	0	8272	0	8272
16	17	Patna(Bihar)	15	0	15	4480	31	4511	2839	16	2855	902	1	903	0	0	0	8236	48	8284

In [12]:

```
df.head(3) #first 3
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Out [12]:

			Juveniles Apprehended - Boys	Juveniles Apprehended - Girls	Juveniles Apprehended - Total	18 and above and below 30 years - Male	18 and above and below 30 years - Female	18 and above and below 30 years - Total	30 and above and below 45 years - Male	30 and above and below 45 years - Female	30 and above and below 45 years - Total	45 and above and below 60 years - Male	45 and above and below 60 years - Female	45 and above and below 60 years - Total	60 years and above - Male	60 years and above - Female	60 years and above - Total	Total - Male	Total - Female	Total - Total Persons Arrested by age and Sex
0	1	Ahmedabad (Gujarat)	298	0	298	14488	950	15438	12385	1290	13675	4264	668	4932	463	146	609	31898	3054	34952
1	2	Bengaluru(Karnataka)	197	3	200	13577	579	14156	9602	974	10576	2531	381	2912	430	84	514	26337	2021	28358
2	3	Chennai(Tamil Nadu)	816	0	816	13717	1117	14834	21194	2577	23771	16070	917	16987	2007	93	2100	53804	4704	58508

In [13]:

```
df.tail(3) #last 3
```

Out [13]:

			Juveniles Apprehended - Boys	Juveniles Apprehended - Girls	Juveniles Apprehended - Total	18 and above and below 30 years - Male	18 and above and below 30 years - Female	18 and above and below 30 years - Total	30 and above and below 45 years - Male	30 and above and below 45 years - Female	30 and above and below 45 years - Total	45 and above and below 60 years - Male	45 and above and below 60 years - Female	45 and above and below 60 years - Total	60 years and above - Male	60 years and above - Female	60 years and above - Total	Total - Male	Total - Female	Total - Total Persons Arrested by age and Sex
17	18	Pune(Maharashtra)	420	0	420	7848	357	8205	5885	473	6358	1655	242	1897	177	66	243	15985	1138	17123
18	19	Surat(Gujarat)	621	2	623	13237	283	13520	7708	479	8187	2617	423	3040	195	55	250	24378	1242	25620
19	Grand Total	TOTAL CITIES	7790	16	7806	201422	8432	209854	142365	10451	152816	54038	4347	58385	5235	673	5908	410850	23919	434769

In [15]:

```
df.sample() #randomly select a subset of rows or columns
```

Out [15]:

			Juveniles Apprehended - Boys	Juveniles Apprehended - Girls	Juveniles Apprehended - Total	18 and above and below 30 years - Male	18 and above and below 30 years - Female	18 and above and below 30 years - Total	30 and above and below 45 years - Male</
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