In [1]:
```
import pandas as pd
from bs4 import BeautifulSoup
import html5lib
import seaborn as sbn
import warnings
warnings.filterwarnings('ignore')
```

In [2]:
```
URL='https://prsindia.org/covid-19/cases'
```

In [3]:
```
Tables=pd.read_html(URL)
```

In [4]:
```
type(Tables)
```

Out[4]:
```
list
```

In [39]:
```
a=Tables[0]
```

In [40]:
```
a
```

Out[40]:

	#	State/UT	Confirmed Cases	Active Cases	Cured/Discharged	Death
0	1.0	Andaman and Nicobar Islands	10157	42	9986	129
1	2.0	Andhra Pradesh	2321379	755	2305893	14731
2	3.0	Arunachal Pradesh	64518	4	64218	296
3	4.0	Assam	724788	395	716405	7988
4	5.0	Bihar	832581	934	819388	12259
5	6.0	Chandigarh	93785	568	92052	1165
6	7.0	Chhattisgarh	1154179	861	1139282	14036
7	8.0	Dadra and Nagar Haveli and Daman and Diu	11474	14	11456	4
8	9.0	Delhi	1934009	4325	1903423	26261
9	10.0	Goa	248540	982	243720	3838
10	11.0	Gujarat	1231483	2914	1217623	10946
11	12.0	Haryana	1015501	2655	1002222	10624
12	13.0	Himachal Pradesh	286061	507	281413	4141
13	14.0	Jammu and Kashmir	455006	447	449803	4756
14	15.0	Jharkhand	435858	284	430254	5320
15	16.0	Karnataka	3968365	5707	3922541	40117
16	17.0	Kerala	6634722	28860	6535869	69993
17	18.0	Ladakh	28411	78	28105	228
18	19.0	Lakshadweep	11408	3	11353	52
19	20.0	Madhya Pradesh	1044243	490	1033012	10741
20	21.0	Maharashtra	7972474	25735	7798817	147922
21	22.0	Manipur	137266	18	135128	2120
22	23.0	Meghalaya	93947	65	92288	1594
23	24.0	Mizoram	229048	261	228084	703
24	25.0	Nagaland	35507	2	34744	761
25	26.0	Odisha	1289602	627	1279849	9126
26	27.0	Puducherry	166438	304	164172	1962
27	28.0	Punjab	762755	1079	743903	17773
28	29.0	Rajasthan	1288328	939	1277825	9564
29	30.0	Sikkim	39224	26	38744	454
30	31.0	Tamil Nadu	3473116	10033	3425057	38026
31	32.0	Telangana	800476	4421	791944	4111

	#	State/UT	Confirmed Cases	Active Cases	Cured/Discharged	Death
32	33.0	Tripura	100901	7	99971	923
33	34.0	Uttar Pradesh	2090050	3541	2062971	23538
34	35.0	Uttarakhand	438663	787	430180	7696
35	36.0	West Bengal	2027901	5885	2000798	21218
36	NaN	India	43452164	104555	42822493	525116

In [41]:
```
a.dropna(inplace=True)
```

In [42]:
```
a.isnull().sum()
```

Out[42]:
```
#                 0
State/UT          0
Confirmed Cases   0
Active Cases      0
Cured/Discharged  0
Death             0
dtype: int64
```

In [43]:
```
a.rename(columns={'#':'Index'}, inplace=True)
```

In [44]:
```
a
```

Out[44]:

	Index	State/UT	Confirmed Cases	Active Cases	Cured/Discharged	Death
0	1.0	Andaman and Nicobar Islands	10157	42	9986	129
1	2.0	Andhra Pradesh	2321379	755	2305893	14731
2	3.0	Arunachal Pradesh	64518	4	64218	296
3	4.0	Assam	724788	395	716405	7988
4	5.0	Bihar	832581	934	819388	12259
5	6.0	Chandigarh	93785	568	92052	1165
6	7.0	Chhattisgarh	1154179	861	1139282	14036
7	8.0	Dadra and Nagar Haveli and Daman and Diu	11474	14	11456	4
8	9.0	Delhi	1934009	4325	1903423	26261
9	10.0	Goa	248540	982	243720	3838
10	11.0	Gujarat	1231483	2914	1217623	10946
11	12.0	Haryana	1015501	2655	1002222	10624
12	13.0	Himachal Pradesh	286061	507	281413	4141
13	14.0	Jammu and Kashmir	455006	447	449803	4756
14	15.0	Jharkhand	435858	284	430254	5320
15	16.0	Karnataka	3968365	5707	3922541	40117
16	17.0	Kerala	6634722	28860	6535869	69993
17	18.0	Ladakh	28411	78	28105	228
18	19.0	Lakshadweep	11408	3	11353	52
19	20.0	Madhya Pradesh	1044243	490	1033012	10741
20	21.0	Maharashtra	7972474	25735	7798817	147922
21	22.0	Manipur	137266	18	135128	2120
22	23.0	Meghalaya	93947	65	92288	1594
23	24.0	Mizoram	229048	261	228084	703
24	25.0	Nagaland	35507	2	34744	761
25	26.0	Odisha	1289602	627	1279849	9126
26	27.0	Puducherry	166438	304	164172	1962
27	28.0	Punjab	762755	1079	743903	17773
28	29.0	Rajasthan	1288328	939	1277825	9564
29	30.0	Sikkim	39224	26	38744	454
30	31.0	Tamil Nadu	3473116	10033	3425057	38026
31	32.0	Telangana	800476	4421	791944	4111

	Index	State/UT	Confirmed Cases	Active Cases	Cured/Discharged	Death
32	33.0	Tripura	100901	7	99971	923
33	34.0	Uttar Pradesh	2090050	3541	2062971	23538
34	35.0	Uttarakhand	438663	787	430180	7696
35	36.0	West Bengal	2027901	5885	2000798	21218

In [45]:
```
a['Index'].dtype
```

Out[45]:
```
dtype('float64')
```

In [46]:
```
a['Index']=a['Index'].astype('int')
```

In [47]:
```
a
```

Out[47]:

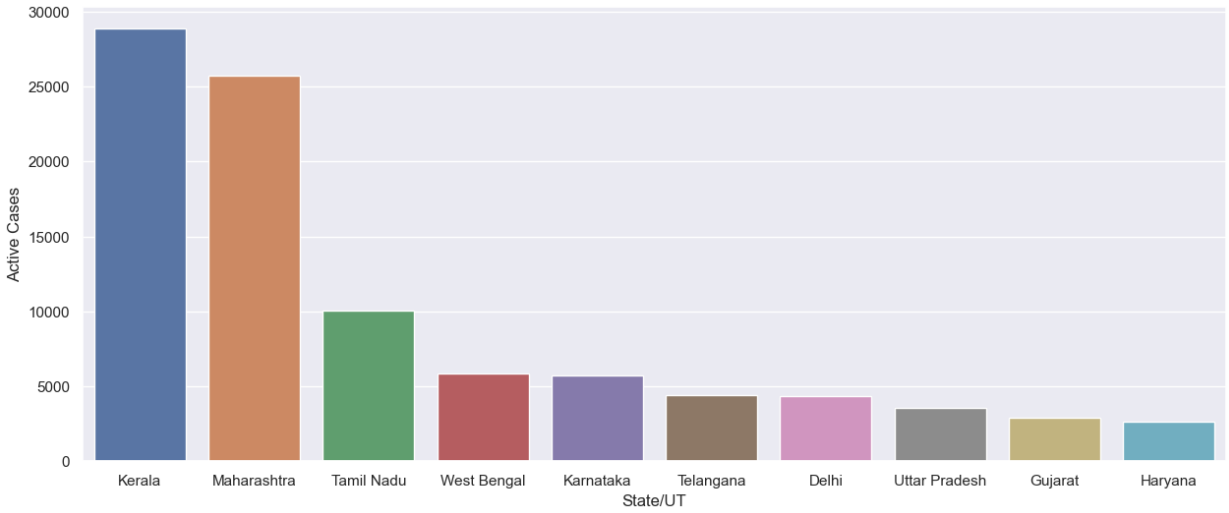
	Index	State/UT	Confirmed Cases	Active Cases	Cured/Discharged	Death
0	1	Andaman and Nicobar Islands	10157	42	9986	129
1	2	Andhra Pradesh	2321379	755	2305893	14731
2	3	Arunachal Pradesh	64518	4	64218	296
3	4	Assam	724788	395	716405	7988
4	5	Bihar	832581	934	819388	12259
5	6	Chandigarh	93785	568	92052	1165
6	7	Chhattisgarh	1154179	861	1139282	14036
7	8	Dadra and Nagar Haveli and Daman and Diu	11474	14	11456	4
8	9	Delhi	1934009	4325	1903423	26261
9	10	Goa	248540	982	243720	3838
10	11	Gujarat	1231483	2914	1217623	10946
11	12	Haryana	1015501	2655	1002222	10624
12	13	Himachal Pradesh	286061	507	281413	4141
13	14	Jammu and Kashmir	455006	447	449803	4756
14	15	Jharkhand	435858	284	430254	5320
15	16	Karnataka	3968365	5707	3922541	40117
16	17	Kerala	6634722	28860	6535869	69993
17	18	Ladakh	28411	78	28105	228
18	19	Lakshadweep	11408	3	11353	52
19	20	Madhya Pradesh	1044243	490	1033012	10741
20	21	Maharashtra	7972474	25735	7798817	147922
21	22	Manipur	137266	18	135128	2120
22	23	Meghalaya	93947	65	92288	1594
23	24	Mizoram	229048	261	228084	703
24	25	Nagaland	35507	2	34744	761
25	26	Odisha	1289602	627	1279849	9126
26	27	Puducherry	166438	304	164172	1962
27	28	Punjab	762755	1079	743903	17773
28	29	Rajasthan	1288328	939	1277825	9564
29	30	Sikkim	39224	26	38744	454
30	31	Tamil Nadu	3473116	10033	3425057	38026
31	32	Telangana	800476	4421	791944	4111

	Index	State/UT	Confirmed Cases	Active Cases	Cured/Discharged	Death
32	33	Tripura	100901	7	99971	923
33	34	Uttar Pradesh	2090050	3541	2062971	23538
34	35	Uttarakhand	438663	787	430180	7696
35	36	West Bengal	2027901	5885	2000798	21218

In [48]:
```
# Statewise active cases from top 10 states in India.
cases=a.groupby(['State/UT'], as_index=False)['Active Cases'].sum().sort_values(by='Ac

sbn.set(rc={'figure.figsize':(15,6)})
sbn.barplot(data=cases, x='State/UT', y='Active Cases')
```

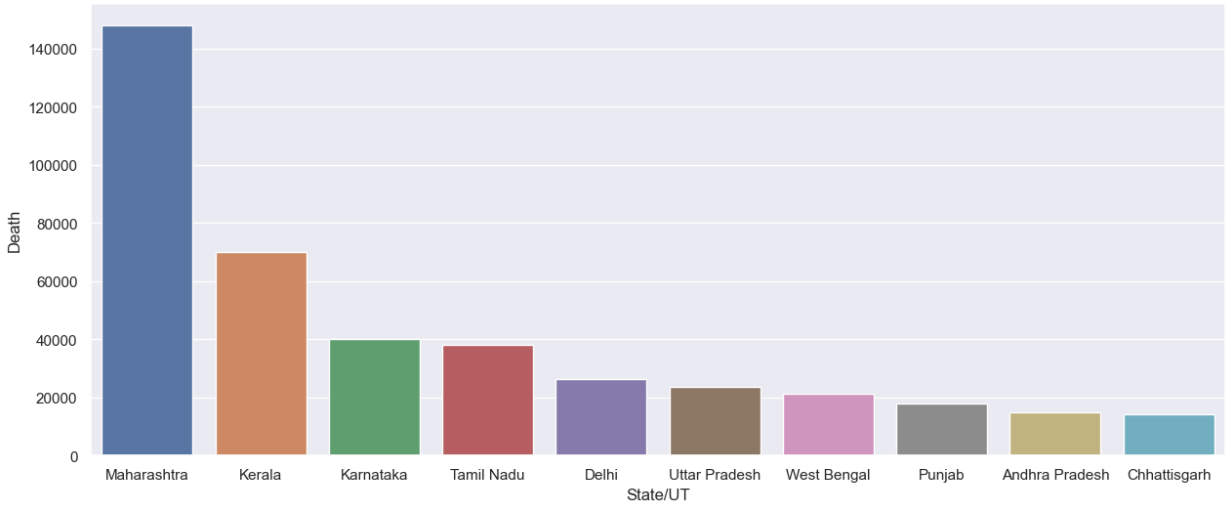
Out[48]:
```
<AxesSubplot:xlabel='State/UT', ylabel='Active Cases'>
```



In [51]:
```
# Statewise death rate from top 10 states in India.
cases=a.groupby(['State/UT'], as_index=False)['Death'].sum().sort_values(by='Death', a

sbn.set(rc={'figure.figsize':(15,6)})
sbn.barplot(data=cases, x='State/UT', y='Death')
```

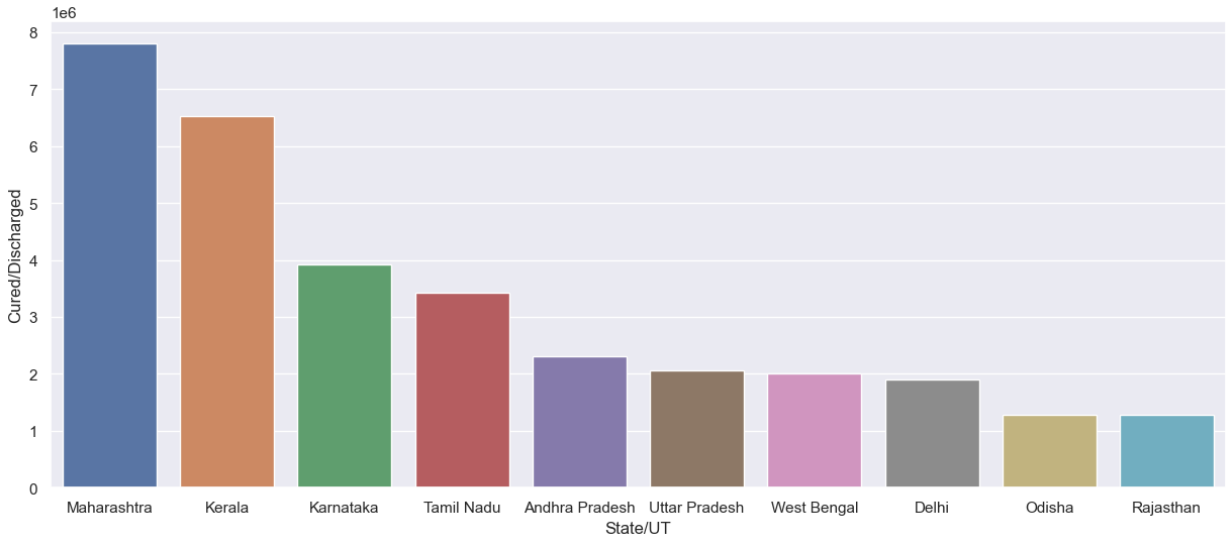
Out[51]:
```
<AxesSubplot:xlabel='State/UT', ylabel='Death'>
```



In [53]:
```
# Statewise cured peoples from top 10 states in India.
cases=a.groupby(['State/UT'], as_index=False)['Cured/Discharged'].sum().sort_values(by

sbn.set(rc={'figure.figsize':(15,6)})
sbn.barplot(data=cases, x='State/UT', y='Cured/Discharged')
```

Out[53]:
```
<AxesSubplot:xlabel='State/UT', ylabel='Cured/Discharged'>
```



In [ ]: