```
In [1]:  import pandas as pd
         import numpy as np
         import seaborn as sns
         import datetime as dt
         from matplotlib import pyplot as plt
         import datetime
         from datetime import date
```

```
In [2]:  df = pd.read_csv("C:/Users/lalit/Downloads/covid_19_india.csv")
         df
```

Out[2]:

	Sno	Date	Time	State/UnionTerritory	ConfirmedIndianNational	ConfirmedForeignNational
0	1	2020-01-30	6:00 PM	Kerala	1	0
1	2	2020-01-31	6:00 PM	Kerala	1	0
2	3	2020-02-01	6:00 PM	Kerala	2	0
3	4	2020-02-02	6:00 PM	Kerala	3	0
4	5	2020-02-03	6:00 PM	Kerala	3	0
...	...	...	...	...	...	...
4246	4247	2020-07-18	8:00 AM	Tripura	-	-
4247	4248	2020-07-18	8:00 AM	Uttarakhand	-	-
4248	4249	2020-07-18	8:00 AM	Uttar Pradesh	-	-
4249	4250	2020-07-18	8:00 AM	West Bengal	-	-
4250	4251	2020-07-18	8:00 AM	Cases being reassigned to states	-	-

4251 rows × 9 columns

```
In [3]:  df1 = df.dropna()
```

```
In [4]:  df1
```

Out[4]:

	Sno	Date	Time	State/UnionTerritory	ConfirmedIndianNational	ConfirmedForeignNational
0	1	2020-01-30	6:00 PM	Kerala	1	0
1	2	2020-01-31	6:00 PM	Kerala	1	0

	Sno	Date	Time	State/UnionTerritory	ConfirmedIndianNational	ConfirmedForeignNational
2	3	2020-02-01	6:00 PM	Kerala	2	0
3	4	2020-02-02	6:00 PM	Kerala	3	0
4	5	2020-02-03	6:00 PM	Kerala	3	0
...	...	...	...	...	...	...
4246	4247	2020-07-18	8:00 AM	Tripura	-	-
4247	4248	2020-07-18	8:00 AM	Uttarakhand	-	-
4248	4249	2020-07-18	8:00 AM	Uttar Pradesh	-	-
4249	4250	2020-07-18	8:00 AM	West Bengal	-	-
4250	4251	2020-07-18	8:00 AM	Cases being reassigned to states	-	-

4251 rows × 9 columns

In [5]:
```python
df1.head()
```

Out[5]:

	Sno	Date	Time	State/UnionTerritory	ConfirmedIndianNational	ConfirmedForeignNational	Cur
0	1	2020-01-30	6:00 PM	Kerala	1	0	
1	2	2020-01-31	6:00 PM	Kerala	1	0	
2	3	2020-02-01	6:00 PM	Kerala	2	0	
3	4	2020-02-02	6:00 PM	Kerala	3	0	
4	5	2020-02-03	6:00 PM	Kerala	3	0	

In [6]:
```python
df1 = df1[["Date", "State/UnionTerritory", "Cured", "Deaths", "Confirmed"]]
df1.columns = ["date", "state", "cured", "deaths", "confirmed"]
```

In [7]:
```python
df1.head()
```

Out[7]:

	date	state	cured	deaths	confirmed
0	2020-01-30	Kerala	0	0	1
1	2020-01-31	Kerala	0	0	1

	date	state	cured	deaths	confirmed
2	2020-02-01	Kerala	0	0	2
3	2020-02-02	Kerala	0	0	3
4	2020-02-03	Kerala	0	0	3

In [8]:
```python
df1.tail()
```

Out[8]:

	date	state	cured	deaths	confirmed
4246	2020-07-18	Tripura	1684	3	2366
4247	2020-07-18	Uttarakhand	3021	51	4102
4248	2020-07-18	Uttar Pradesh	27634	1084	45163
4249	2020-07-18	West Bengal	22253	1049	38011
4250	2020-07-18	Cases being reassigned to states	0	0	163

In [9]:
```python
today = df1[df1.date == '2020-07-15']
```

In [10]:
```python
today
```

Out[10]:

	date	state	cured	deaths	confirmed
4107	2020-07-15	Andaman and Nicobar Islands	109	0	166
4108	2020-07-15	Andhra Pradesh	17467	408	33019
4109	2020-07-15	Arunachal Pradesh	153	3	462
4110	2020-07-15	Assam	11416	40	17807
4111	2020-07-15	Bihar	12849	174	19284
4112	2020-07-15	Chandigarh	446	10	600
4113	2020-07-15	Chhattisgarh	3275	20	4379
4114	2020-07-15	Dadra and Nagar Haveli and Daman and Diu	310	1	520
4115	2020-07-15	Delhi	93236	3446	115346
4116	2020-07-15	Goa	1607	18	2753
4117	2020-07-15	Gujarat	30503	2069	43637
4118	2020-07-15	Haryana	17090	312	22628
4119	2020-07-15	Himachal Pradesh	951	11	1309
4120	2020-07-15	Jammu and Kashmir	6223	195	11173
4121	2020-07-15	Jharkhand	2427	36	4091
4122	2020-07-15	Karnataka	17390	842	44077
4123	2020-07-15	Kerala	4438	34	8930
4124	2020-07-15	Ladakh	946	1	1093
4125	2020-07-15	Madhya Pradesh	13575	673	19005

	date	state	cured	deaths	confirmed
4126	2020-07-15	Maharashtra	149007	10695	267665
4127	2020-07-15	Manipur	970	0	1672
4128	2020-07-15	Meghalaya	66	2	318
4129	2020-07-15	Mizoram	159	0	238
4130	2020-07-15	Nagaland	346	0	896
4131	2020-07-15	Odisha	9864	74	14280
4132	2020-07-15	Puducherry	829	18	1531
4133	2020-07-15	Punjab	5663	213	8511
4134	2020-07-15	Rajasthan	19161	525	25571
4135	2020-07-15	Sikkim	87	0	209
4136	2020-07-15	Tamil Nadu	97310	2099	147324
4137	2020-07-15	Telangana	24840	375	37745
4138	2020-07-15	Tripura	1538	2	2170
4139	2020-07-15	Uttarakhand	2867	50	3686
4140	2020-07-15	Uttar Pradesh	24983	983	39724
4141	2020-07-15	West Bengal	19931	980	32838
4142	2020-07-15	Cases being reassigned to states	0	0	1524

In [11]:
```python
# sorting data wrt number of confirmed cases
max_confirmed_cases = today.sort_values(by = "confirmed", ascending = False)
max_confirmed_cases
```
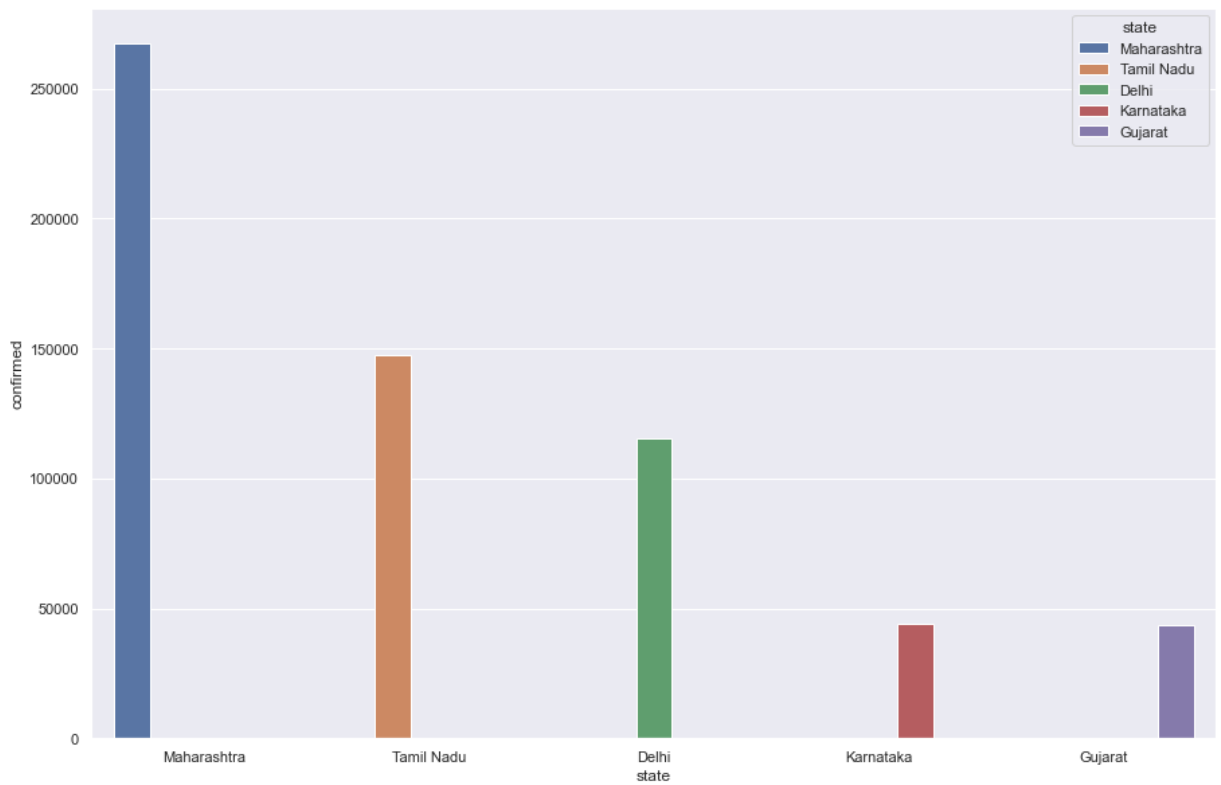
Out[11]:

	date	state	cured	deaths	confirmed
4126	2020-07-15	Maharashtra	149007	10695	267665
4136	2020-07-15	Tamil Nadu	97310	2099	147324
4115	2020-07-15	Delhi	93236	3446	115346
4122	2020-07-15	Karnataka	17390	842	44077
4117	2020-07-15	Gujarat	30503	2069	43637
4140	2020-07-15	Uttar Pradesh	24983	983	39724
4137	2020-07-15	Telangana	24840	375	37745
4108	2020-07-15	Andhra Pradesh	17467	408	33019
4141	2020-07-15	West Bengal	19931	980	32838
4134	2020-07-15	Rajasthan	19161	525	25571
4118	2020-07-15	Haryana	17090	312	22628
4111	2020-07-15	Bihar	12849	174	19284
4125	2020-07-15	Madhya Pradesh	13575	673	19005
4110	2020-07-15	Assam	11416	40	17807

	date	state	cured	deaths	confirmed
4131	2020-07-15	Odisha	9864	74	14280
4120	2020-07-15	Jammu and Kashmir	6223	195	11173
4123	2020-07-15	Kerala	4438	34	8930
4133	2020-07-15	Punjab	5663	213	8511
4113	2020-07-15	Chhattisgarh	3275	20	4379
4121	2020-07-15	Jharkhand	2427	36	4091
4139	2020-07-15	Uttarakhand	2867	50	3686
4116	2020-07-15	Goa	1607	18	2753
4138	2020-07-15	Tripura	1538	2	2170
4127	2020-07-15	Manipur	970	0	1672
4132	2020-07-15	Puducherry	829	18	1531
4142	2020-07-15	Cases being reassigned to states	0	0	1524
4119	2020-07-15	Himachal Pradesh	951	11	1309
4124	2020-07-15	Ladakh	946	1	1093
4130	2020-07-15	Nagaland	346	0	896
4112	2020-07-15	Chandigarh	446	10	600
4114	2020-07-15	Dadra and Nagar Haveli and Daman and Diu	310	1	520
4109	2020-07-15	Arunachal Pradesh	153	3	462
4128	2020-07-15	Meghalaya	66	2	318
4129	2020-07-15	Mizoram	159	0	238
4135	2020-07-15	Sikkim	87	0	209
4107	2020-07-15	Andaman and Nicobar Islands	109	0	166

In [12]:
```python
#Getting states with maximum number of confirmed cases
top_states_confirmed = max_confirmed_cases[0:5]
```

In [13]:
```python
sns.set(rc={"figure.figsize":(15,10)})
sns.barplot(x = "state", y="confirmed", data=top_states_confirmed, hue="state")
plt.show()
```

In [14]:
```python
#Sorting data wrt number of death cases
max_death_cases = today.sort_values(by = "deaths", ascending = False)
max_death_cases
```
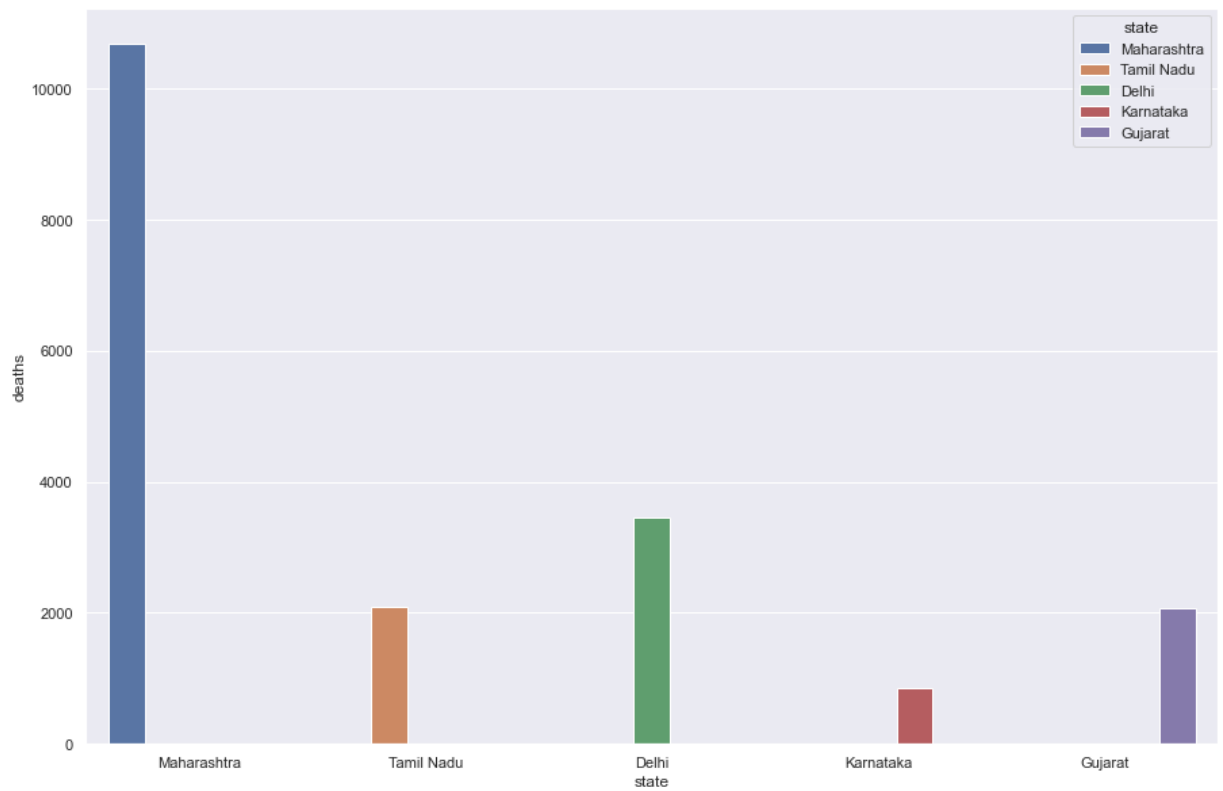
Out[14]:

	date	state	cured	deaths	confirmed
4126	2020-07-15	Maharashtra	149007	10695	267665
4115	2020-07-15	Delhi	93236	3446	115346
4136	2020-07-15	Tamil Nadu	97310	2099	147324
4117	2020-07-15	Gujarat	30503	2069	43637
4140	2020-07-15	Uttar Pradesh	24983	983	39724
4141	2020-07-15	West Bengal	19931	980	32838
4122	2020-07-15	Karnataka	17390	842	44077
4125	2020-07-15	Madhya Pradesh	13575	673	19005
4134	2020-07-15	Rajasthan	19161	525	25571
4108	2020-07-15	Andhra Pradesh	17467	408	33019
4137	2020-07-15	Telangana	24840	375	37745
4118	2020-07-15	Haryana	17090	312	22628
4133	2020-07-15	Punjab	5663	213	8511
4120	2020-07-15	Jammu and Kashmir	6223	195	11173
4111	2020-07-15	Bihar	12849	174	19284
4131	2020-07-15	Odisha	9864	74	14280
4139	2020-07-15	Uttarakhand	2867	50	3686
4110	2020-07-15	Assam	11416	40	17807

	date	state	cured	deaths	confirmed
4121	2020-07-15	Jharkhand	2427	36	4091
4123	2020-07-15	Kerala	4438	34	8930
4113	2020-07-15	Chhattisgarh	3275	20	4379
4116	2020-07-15	Goa	1607	18	2753
4132	2020-07-15	Puducherry	829	18	1531
4119	2020-07-15	Himachal Pradesh	951	11	1309
4112	2020-07-15	Chandigarh	446	10	600
4109	2020-07-15	Arunachal Pradesh	153	3	462
4128	2020-07-15	Meghalaya	66	2	318
4138	2020-07-15	Tripura	1538	2	2170
4124	2020-07-15	Ladakh	946	1	1093
4114	2020-07-15	Dadra and Nagar Haveli and Daman and Diu	310	1	520
4107	2020-07-15	Andaman and Nicobar Islands	109	0	166
4135	2020-07-15	Sikkim	87	0	209
4130	2020-07-15	Nagaland	346	0	896
4129	2020-07-15	Mizoram	159	0	238
4127	2020-07-15	Manipur	970	0	1672
4142	2020-07-15	Cases being reassigned to states	0	0	1524

In [15]:
```python
#States with maximum numbert of death cases
top_states_death = max_death_cases[0:5]
```

In [16]:
```python
sns.set(rc={"figure.figsize":(15,10)})
sns.barplot(x = "state", y="deaths", data=top_states_confirmed, hue="state")
plt.show()
```

```python
# Sorting data wrt number of curved cases
max_cured_cases = today.sort_values(by = "cured", ascending=False)
max_cured_cases
```

Out[17]:

	date	state	cured	deaths	confirmed
4126	2020-07-15	Maharashtra	149007	10695	267665
4136	2020-07-15	Tamil Nadu	97310	2099	147324
4115	2020-07-15	Delhi	93236	3446	115346
4117	2020-07-15	Gujarat	30503	2069	43637
4140	2020-07-15	Uttar Pradesh	24983	983	39724
4137	2020-07-15	Telangana	24840	375	37745
4141	2020-07-15	West Bengal	19931	980	32838
4134	2020-07-15	Rajasthan	19161	525	25571
4108	2020-07-15	Andhra Pradesh	17467	408	33019
4122	2020-07-15	Karnataka	17390	842	44077
4118	2020-07-15	Haryana	17090	312	22628
4125	2020-07-15	Madhya Pradesh	13575	673	19005
4111	2020-07-15	Bihar	12849	174	19284
4110	2020-07-15	Assam	11416	40	17807
4131	2020-07-15	Odisha	9864	74	14280
4120	2020-07-15	Jammu and Kashmir	6223	195	11173
4133	2020-07-15	Punjab	5663	213	8511
4123	2020-07-15	Kerala	4438	34	8930

	date	state	cured	deaths	confirmed
4113	2020-07-15	Chhattisgarh	3275	20	4379
4139	2020-07-15	Uttarakhand	2867	50	3686
4121	2020-07-15	Jharkhand	2427	36	4091
4116	2020-07-15	Goa	1607	18	2753
4138	2020-07-15	Tripura	1538	2	2170
4127	2020-07-15	Manipur	970	0	1672
4119	2020-07-15	Himachal Pradesh	951	11	1309
4124	2020-07-15	Ladakh	946	1	1093
4132	2020-07-15	Puducherry	829	18	1531
4112	2020-07-15	Chandigarh	446	10	600
4130	2020-07-15	Nagaland	346	0	896
4114	2020-07-15	Dadra and Nagar Haveli and Daman and Diu	310	1	520
4129	2020-07-15	Mizoram	159	0	238
4109	2020-07-15	Arunachal Pradesh	153	3	462
4107	2020-07-15	Andaman and Nicobar Islands	109	0	166
4135	2020-07-15	Sikkim	87	0	209
4128	2020-07-15	Meghalaya	66	2	318
4142	2020-07-15	Cases being reassigned to states	0	0	1524

In [18]:
```python
# States with maximum no. of cured cases
top_states_cured = max_cured_cases[0:5]
```

In [19]:
```python
sns.set(rc={"figure.figsize":(15,10)})
sns.barplot(x = "state", y="cured", data=top_states_confirmed, hue="state")
plt.show()
```
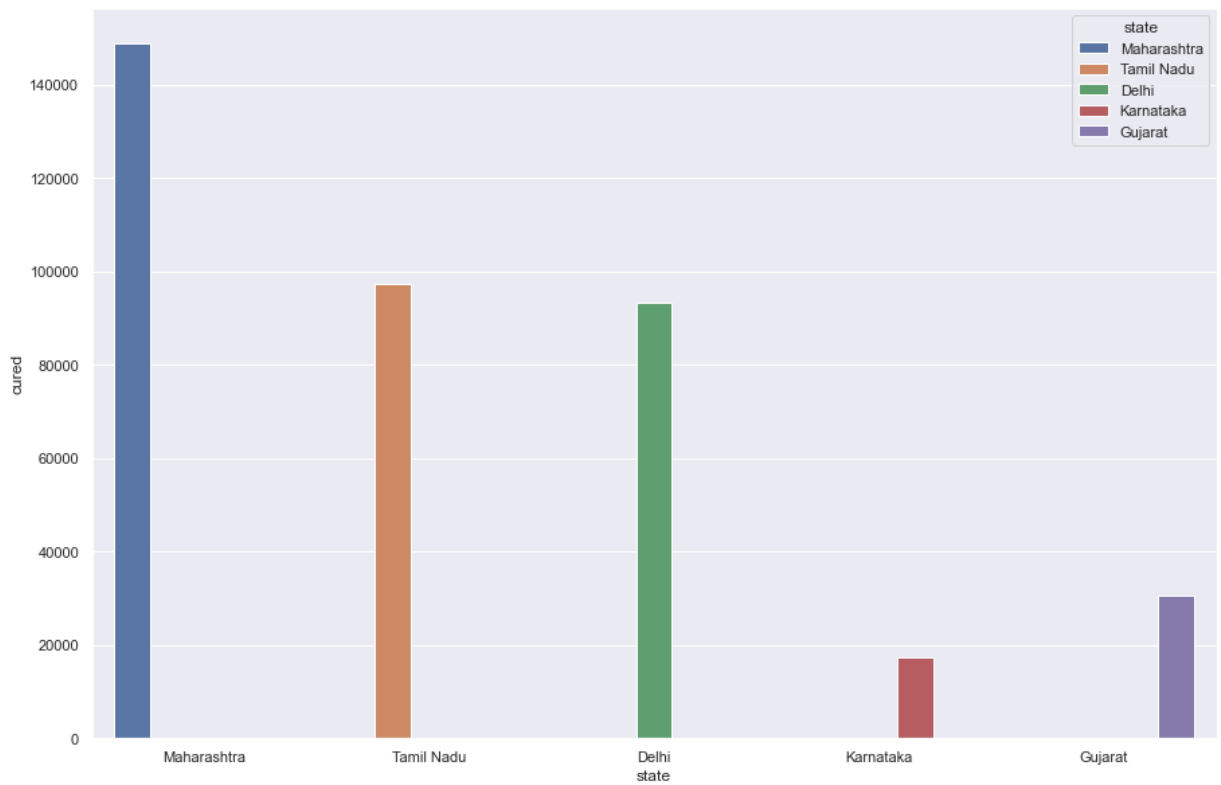
In [20]:
```python
# Maharashtra
```

In [21]:
```python
maha = df1[df1.state == "Maharashtra"]
```

In [22]:
```python
maha
```

Out[22]:

	date	state	cured	deaths	confirmed
76	2020-03-09	Maharashtra	0	0	2
91	2020-03-10	Maharashtra	0	0	5
97	2020-03-11	Maharashtra	0	0	2
120	2020-03-12	Maharashtra	0	0	11
133	2020-03-13	Maharashtra	0	0	14
...	...	...	...	...	...
4090	2020-07-14	Maharashtra	144507	10482	260924
4126	2020-07-15	Maharashtra	149007	10695	267665
4162	2020-07-16	Maharashtra	152613	10928	275640
4198	2020-07-17	Maharashtra	158140	11194	284281
4234	2020-07-18	Maharashtra	160357	11452	292589

132 rows × 5 columns

In [23]:
```python
# Confirmed cases in maharashtra
sns.set(rc={"figure.figsize":(15,10)})
sns.lineplot(x = "date", y="confirmed", data=maha, color="g")
plt.show()
```
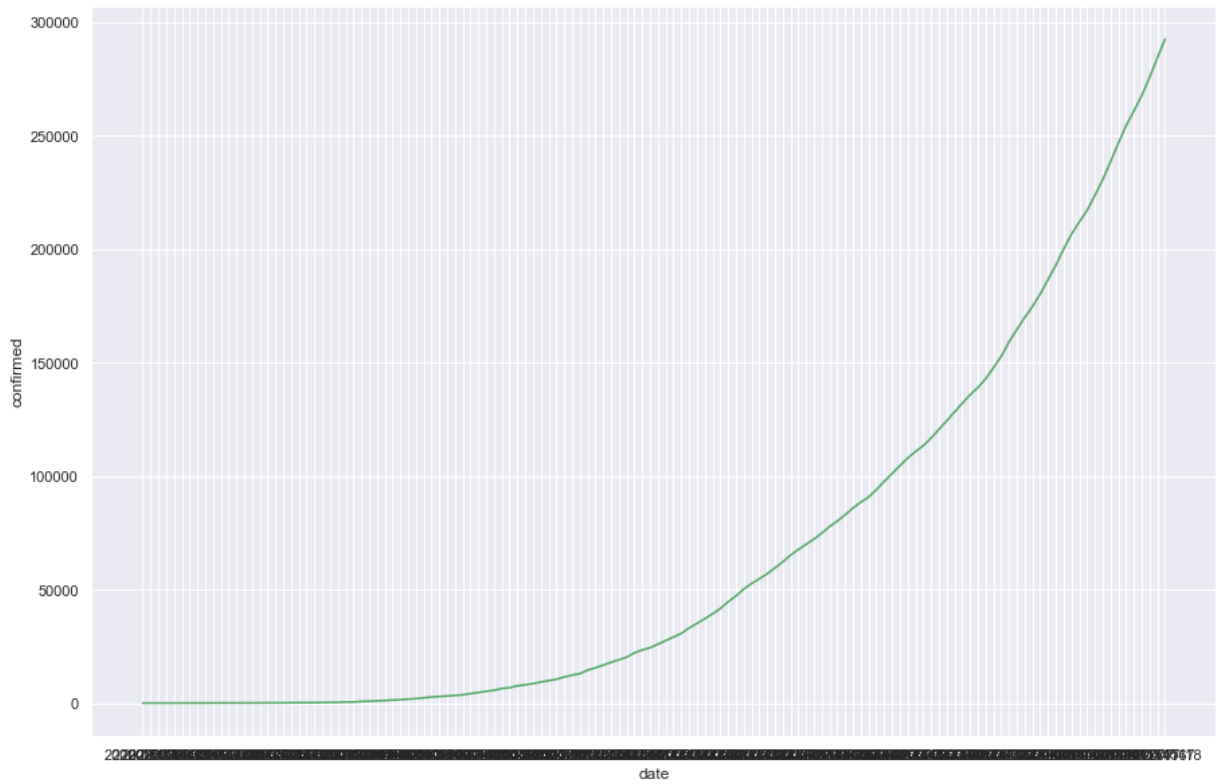
In [24]:
```python
# Deaths cases in maharashtra
sns.set(rc={"figure.figsize":(15,10)})
sns.lineplot(x = "date", y="deaths", data=maha, color="r")
plt.show()
```
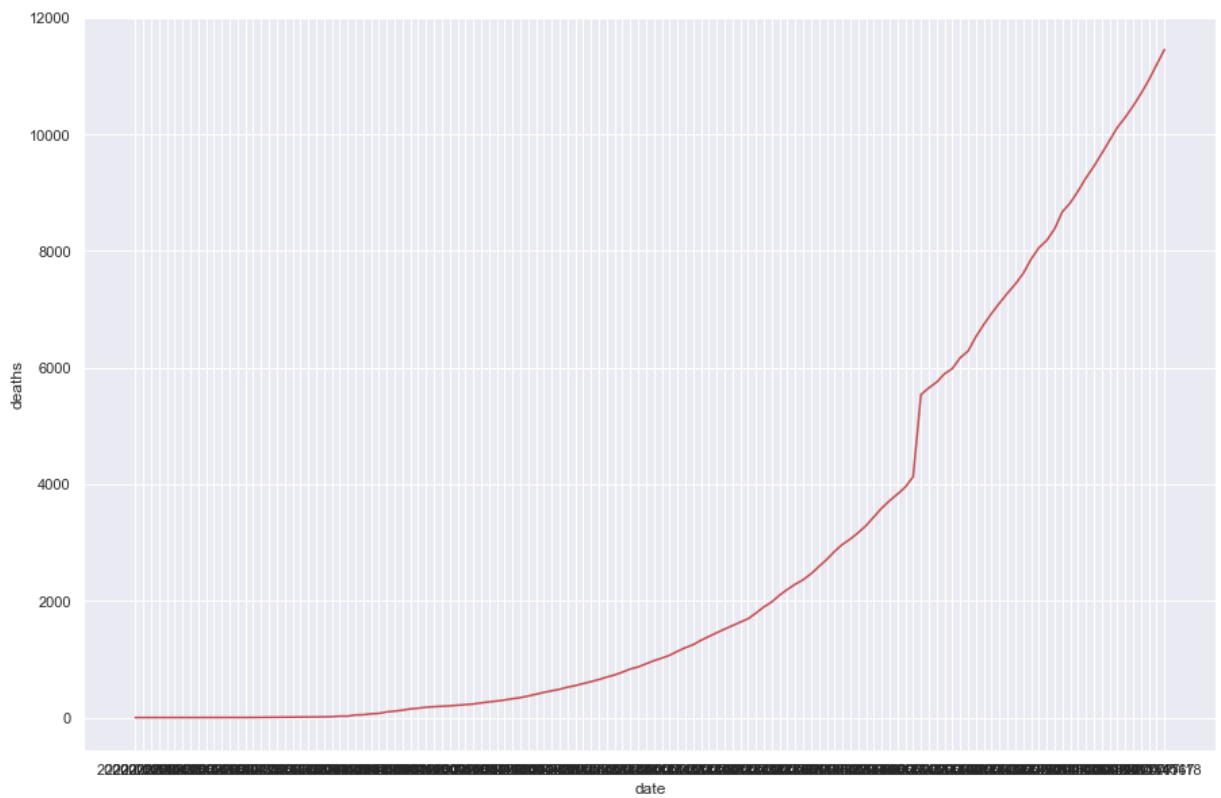

In [25]:
```python
# Kerala
```

In [26]:
```python
kerala = df1[df1.state == "Kerala"]
```

```
In [27]:   kerala
```

Out[27]:

	date	state	cured	deaths	confirmed
0	2020-01-30	Kerala	0	0	1
1	2020-01-31	Kerala	0	0	1
2	2020-02-01	Kerala	0	0	2
3	2020-02-02	Kerala	0	0	3
4	2020-02-03	Kerala	0	0	3
...	...	...	...	...	...
4087	2020-07-14	Kerala	4257	33	8322
4123	2020-07-15	Kerala	4438	34	8930
4159	2020-07-16	Kerala	4634	35	9553
4195	2020-07-17	Kerala	4862	37	10275
4231	2020-07-18	Kerala	4995	38	11066

171 rows × 5 columns

```
In [28]:   # Confirmed cases in kerala
           sns.set(rc={"figure.figsize":(15,10)})
           sns.lineplot(x = "date", y="confirmed", data=kerala, color="g")
           plt.show()
```
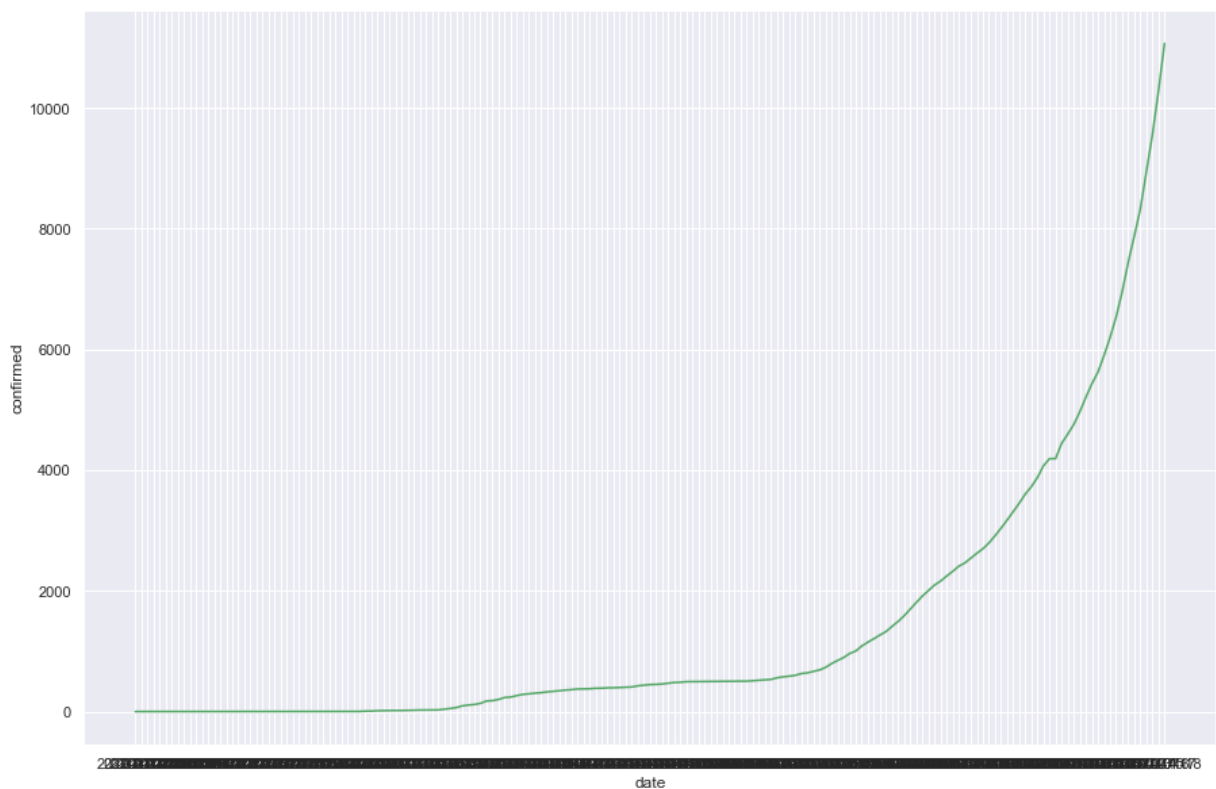


```
In [29]:   # Deaths cases in kerala
           sns.set(rc={"figure.figsize":(15,10)})
           sns.lineplot(x = "date", y="deaths", data=kerala, color="r")
           plt.show()
```
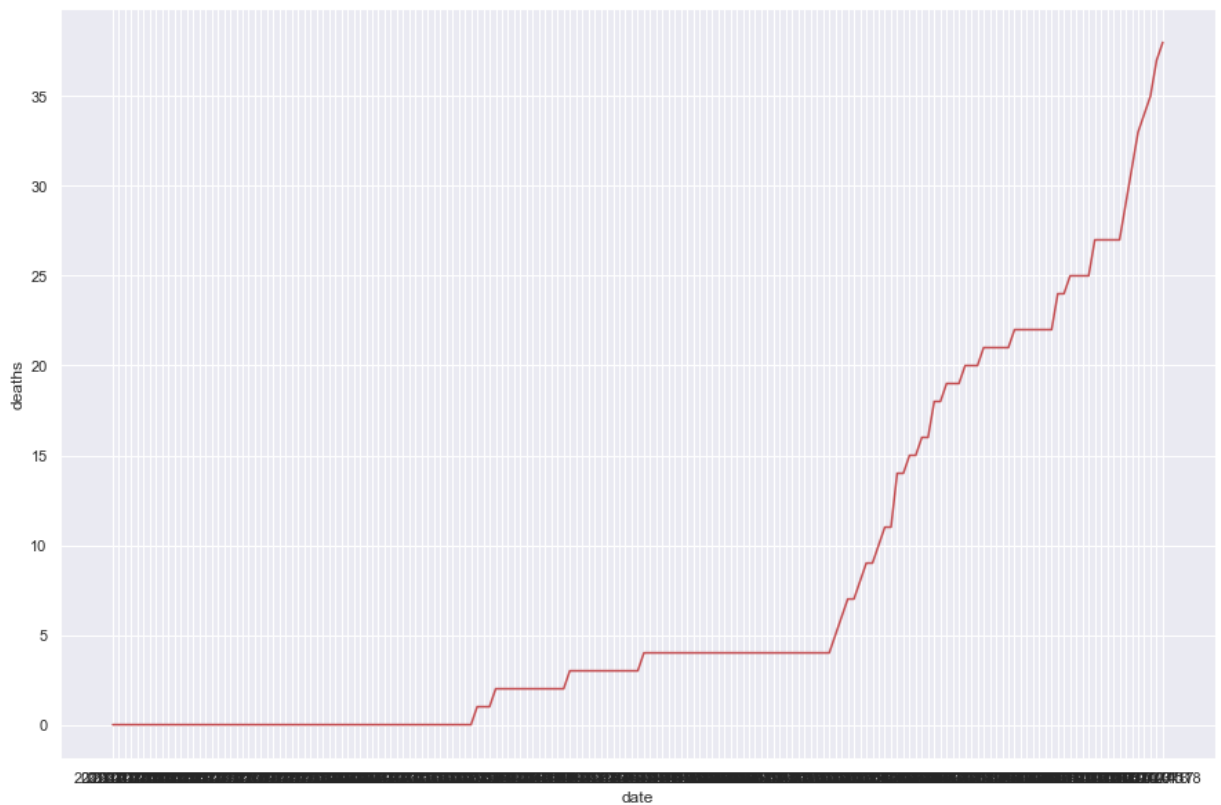
In [30]:
```python
# Jammu and Kashmir
```

In [31]:
```python
jk = df1[df1.state == "Jammu and Kashmir"]
```

In [32]:
```python
jk
```

Out[32]:

|	date	state	cured	deaths	confirmed
81	2020-03-09	Jammu and Kashmir	0	0	1
96	2020-03-10	Jammu and Kashmir	0	0	1
106	2020-03-11	Jammu and Kashmir	0	0	1
117	2020-03-12	Jammu and Kashmir	0	0	1
130	2020-03-13	Jammu and Kashmir	0	0	1
...	...	...	...	...	...
4084	2020-07-14	Jammu and Kashmir	6095	187	10827
4120	2020-07-15	Jammu and Kashmir	6223	195	11173
4156	2020-07-16	Jammu and Kashmir	6337	206	11666
4192	2020-07-17	Jammu and Kashmir	6446	222	12156
4228	2020-07-18	Jammu and Kashmir	6558	231	12757

132 rows × 5 columns

In [33]:
```python
# Confirmed cases in jk
sns.set(rc={"figure.figsize":(15,10)})
```

```
sns.lineplot(x = "date", y="confirmed", data=jk, color="g")
plt.show()
```
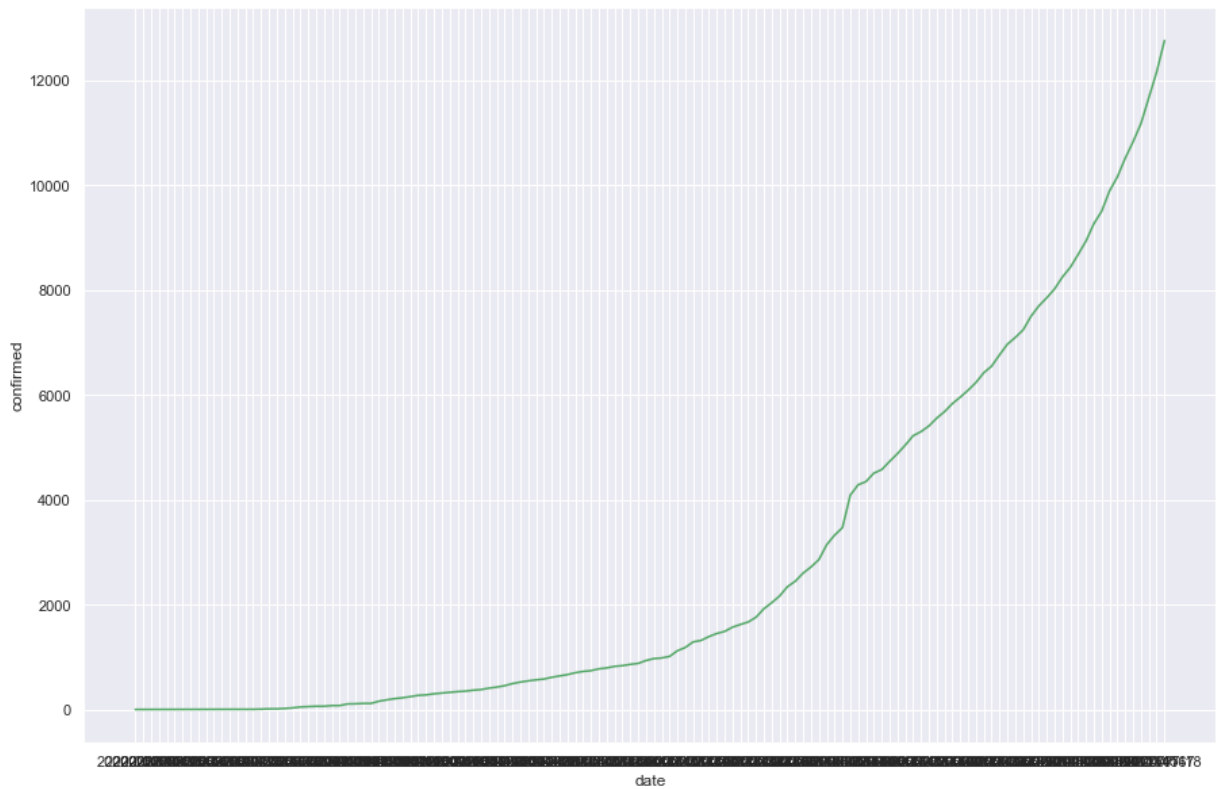
```
# Deaths cases in jk
sns.set(rc={"figure.figsize":(15,10)})
sns.lineplot(x = "date", y="deaths", data=jk, color="r")
plt.show()
```
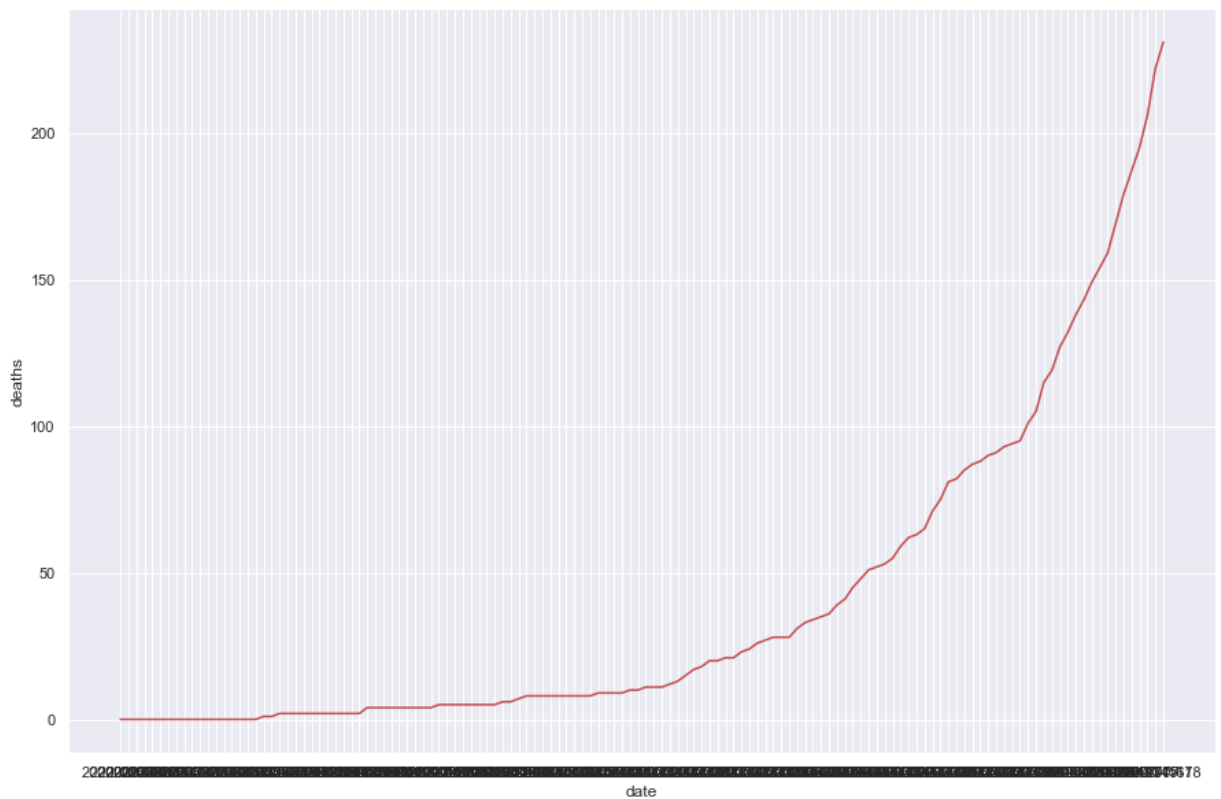
```
# Checking state wise testigng details
tests = pd.read_csv("C:/Users/lalit/Downloads/StatewiseTestingDetails.csv")
tests
```

	Date	State	TotalSamples	Negative	Positive
0	2020-04-17	Andaman and Nicobar Islands	1403.0	1210	12.0
1	2020-04-24	Andaman and Nicobar Islands	2679.0	NaN	27.0
2	2020-04-27	Andaman and Nicobar Islands	2848.0	NaN	33.0
3	2020-05-01	Andaman and Nicobar Islands	3754.0	NaN	33.0
4	2020-05-16	Andaman and Nicobar Islands	6677.0	NaN	33.0
...	...	...	...	...	...
16331	2021-08-06	West Bengal	15999961.0	NaN	NaN
16332	2021-08-07	West Bengal	16045662.0	NaN	NaN
16333	2021-08-08	West Bengal	16092192.0	NaN	NaN
16334	2021-08-09	West Bengal	16122345.0	NaN	NaN
16335	2021-08-10	West Bengal	16162814.0	NaN	NaN

16336 rows × 5 columns

```python
test_latest = tests[tests.Date == "2020-07-15"]
```

```python
test_latest
```

	Date	State	TotalSamples	Negative	Positive
62	2020-07-15	Andaman and Nicobar Islands	19061.0	NaN	176.0
549	2020-07-15	Andhra Pradesh	1217963.0	1182512	35451.0
1027	2020-07-15	Arunachal Pradesh	34619.0	32450	491.0
1495	2020-07-15	Assam	589202.0	NaN	18666.0
1984	2020-07-15	Bihar	337212.0	NaN	20173.0
2472	2020-07-15	Chandigarh	10050.0	9385	619.0
2945	2020-07-15	Chhattisgarh	222113.0	NaN	4556.0
3415	2020-07-15	Dadra and Nagar Haveli and Daman and Diu	37392.0	36195	552.0
3604	2020-07-15	Delhi	736436.0	NaN	116993.0
4087	2020-07-15	Goa	99234.0	NaN	2951.0
4576	2020-07-15	Gujarat	487707.0	443059	44648.0
5066	2020-07-15	Haryana	400155.0	371350	23306.0
5554	2020-07-15	Himachal Pradesh	105734.0	103730	1341.0
6043	2020-07-15	Jammu and Kashmir	474149.0	462483	11666.0
6528	2020-07-15	Jharkhand	196070.0	191508	4562.0
7019	2020-07-15	Karnataka	902026.0	831246	47253.0
7515	2020-07-15	Kerala	453716.0	NaN	9554.0

	Date	State	TotalSamples	Negative	Positive
8496	2020-07-15	Madhya Pradesh	540483.0	516780	19643.0
8987	2020-07-15	Maharashtra	1413185.0	1132434	280751.0
9429	2020-07-15	Manipur	65866.0	NaN	1700.0
9853	2020-07-15	Meghalaya	24942.0	NaN	346.0
10284	2020-07-15	Mizoram	17168.0	NaN	238.0
10750	2020-07-15	Nagaland	27421.0	NaN	902.0
11240	2020-07-15	Odisha	353824.0	NaN	14898.0
11719	2020-07-15	Puducherry	27916.0	25907	1596.0
12209	2020-07-15	Punjab	421593.0	NaN	8799.0
12700	2020-07-15	Rajasthan	1123902.0	1091930	26437.0
13161	2020-07-15	Sikkim	13352.0	11355	NaN
13604	2020-07-15	Tamil Nadu	1736747.0	NaN	151820.0
14028	2020-07-15	Telangana	208666.0	169324	39342.0
14495	2020-07-15	Tripura	92313.0	90032	2281.0
14961	2020-07-15	Uttar Pradesh	1277241.0	NaN	41383.0
15451	2020-07-15	Uttarakhand	102529.0	89212	3785.0
15944	2020-07-15	West Bengal	649928.0	NaN	34427.0

In [38]:
```python
# Sorting data wrt number of cured cases
max_tests_State = test_latest.sort_values(by = "TotalSamples", ascending=False)
max_tests_State
```
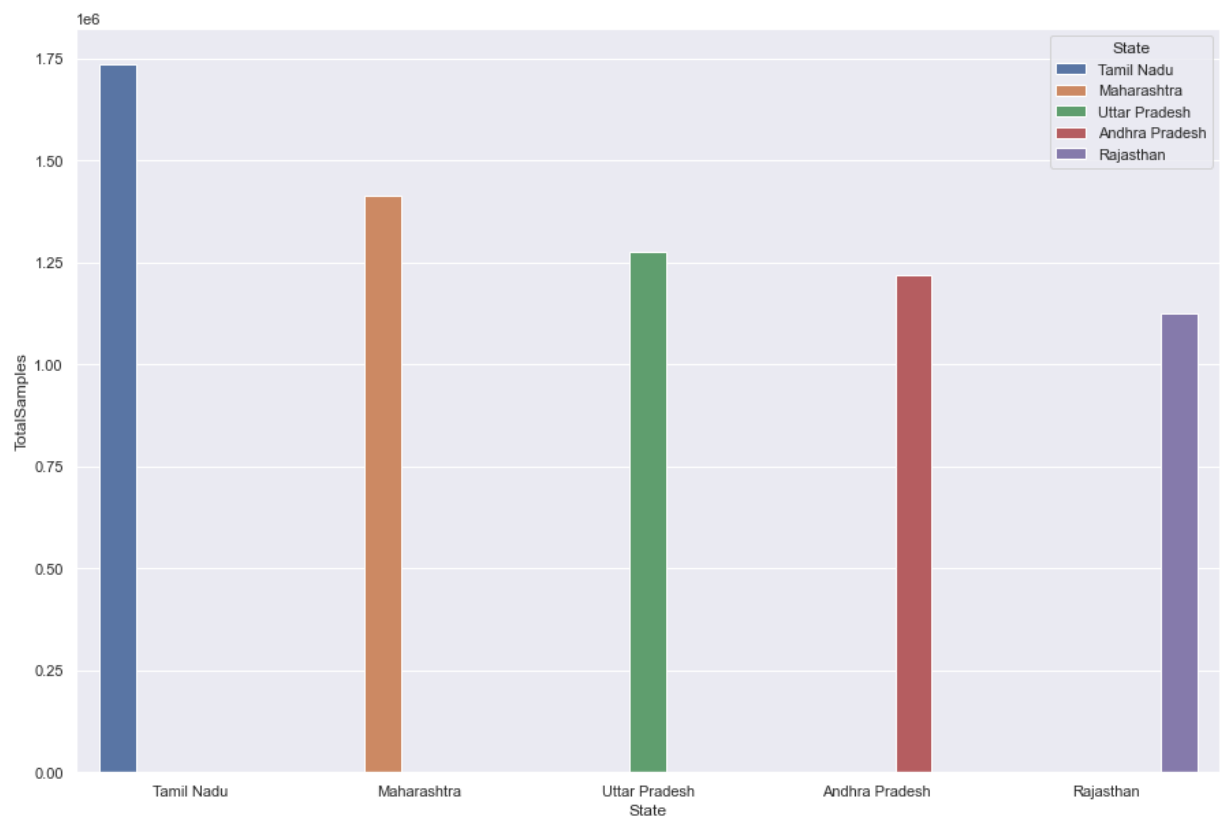
Out[38]:

	Date	State	TotalSamples	Negative	Positive
13604	2020-07-15	Tamil Nadu	1736747.0	NaN	151820.0
8987	2020-07-15	Maharashtra	1413185.0	1132434	280751.0
14961	2020-07-15	Uttar Pradesh	1277241.0	NaN	41383.0
549	2020-07-15	Andhra Pradesh	1217963.0	1182512	35451.0
12700	2020-07-15	Rajasthan	1123902.0	1091930	26437.0
7019	2020-07-15	Karnataka	902026.0	831246	47253.0
3604	2020-07-15	Delhi	736436.0	NaN	116993.0
15944	2020-07-15	West Bengal	649928.0	NaN	34427.0
1495	2020-07-15	Assam	589202.0	NaN	18666.0
8496	2020-07-15	Madhya Pradesh	540483.0	516780	19643.0
4576	2020-07-15	Gujarat	487707.0	443059	44648.0
6043	2020-07-15	Jammu and Kashmir	474149.0	462483	11666.0
7515	2020-07-15	Kerala	453716.0	NaN	9554.0
12209	2020-07-15	Punjab	421593.0	NaN	8799.0

	Date	State	TotalSamples	Negative	Positive
5066	2020-07-15	Haryana	400155.0	371350	23306.0
11240	2020-07-15	Odisha	353824.0	NaN	14898.0
1984	2020-07-15	Bihar	337212.0	NaN	20173.0
2945	2020-07-15	Chhattisgarh	222113.0	NaN	4556.0
14028	2020-07-15	Telangana	208666.0	169324	39342.0
6528	2020-07-15	Jharkhand	196070.0	191508	4562.0
5554	2020-07-15	Himachal Pradesh	105734.0	103730	1341.0
15451	2020-07-15	Uttarakhand	102529.0	89212	3785.0
4087	2020-07-15	Goa	99234.0	NaN	2951.0
14495	2020-07-15	Tripura	92313.0	90032	2281.0
9429	2020-07-15	Manipur	65866.0	NaN	1700.0
3415	2020-07-15	Dadra and Nagar Haveli and Daman and Diu	37392.0	36195	552.0
1027	2020-07-15	Arunachal Pradesh	34619.0	32450	491.0
11719	2020-07-15	Puducherry	27916.0	25907	1596.0
10750	2020-07-15	Nagaland	27421.0	NaN	902.0
9853	2020-07-15	Meghalaya	24942.0	NaN	346.0
62	2020-07-15	Andaman and Nicobar Islands	19061.0	NaN	176.0
10284	2020-07-15	Mizoram	17168.0	NaN	238.0
13161	2020-07-15	Sikkim	13352.0	11355	NaN
2472	2020-07-15	Chandigarh	10050.0	9385	619.0

In [39]:
```python
#Making barplot for states with max test cases
sns.set(rc={"figure.figsize":(15,10)})
sns.barplot(x = "State", y="TotalSamples", data=max_tests_State[0:5], hue="State")
plt.show()
```

In [ ]: