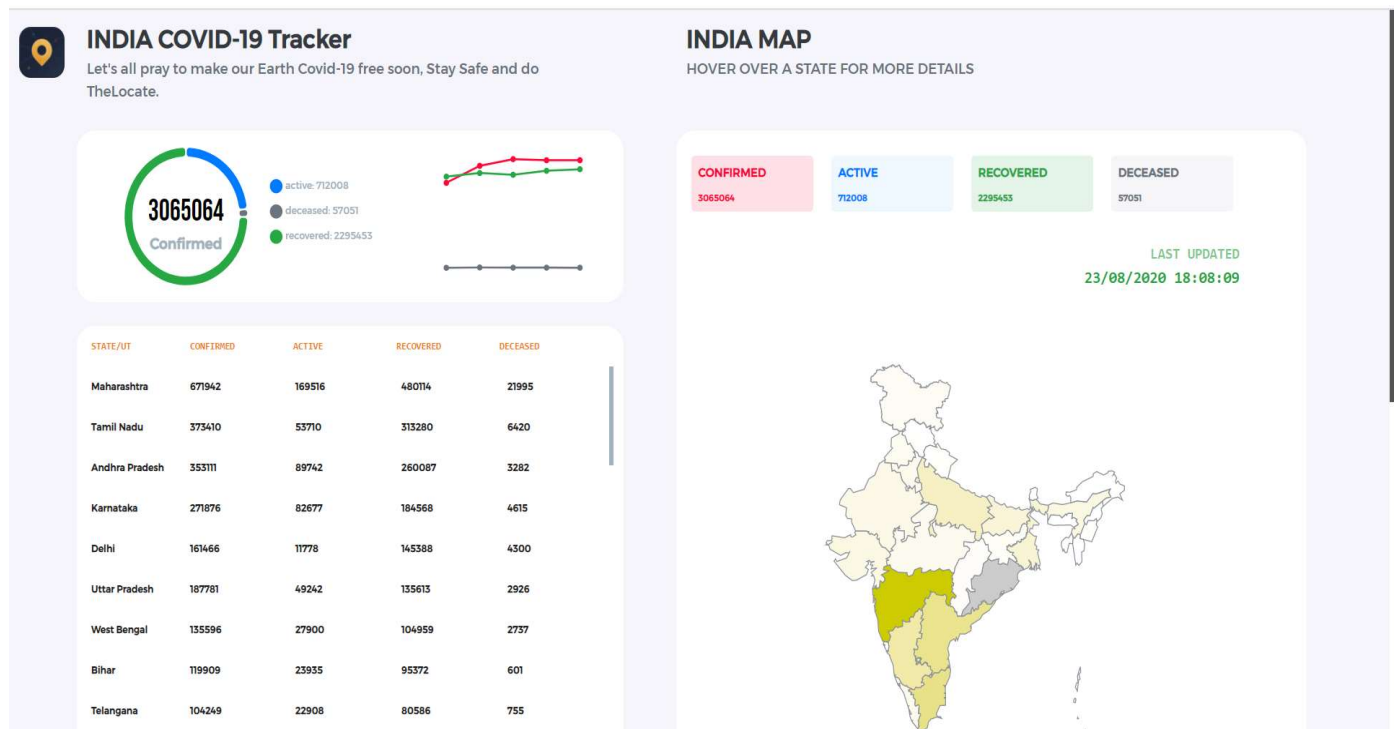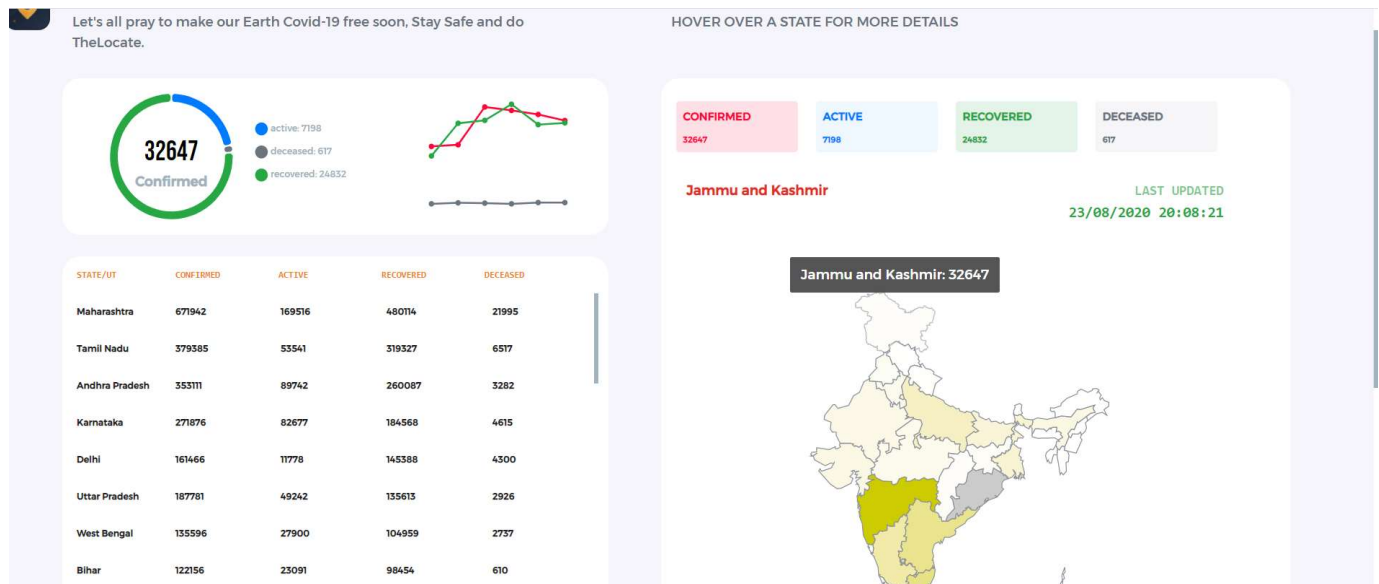# GTROPY Assignment For Interns

Objective

This assignment is to create a **Covid19 Dashboard** Shown in Image Below :-

Please Read full documentation and do not forget to use the **APIs Link** for the real data Pasted below.

Let's all pray to make our Earth Covid-19 free soon, Stay Safe and do TheLocate.

HOVER OVER A STATE FOR MORE DETAILS

32647
Confirmed

active: 7198
deceased: 617
recovered: 24832

CONFIRMED	ACTIVE	RECOVERED	DECEASED
32647	7198	24832	617

Jammu and Kashmir

LAST UPDATED
23/08/2020 20:08:21

Jammu and Kashmir: 32647

STATE/UT	CONFIRMED	ACTIVE	RECOVERED	DECEASED
Maharashtra	671942	169516	480114	21995
Tamil Nadu	379385	53541	319327	6517
Andhra Pradesh	353111	89742	260087	3282
Karnataka	271876	82677	184568	4615
Delhi	161466	11778	145388	4300
Uttar Pradesh	187781	49242	135613	2926
West Bengal	135596	27900	104959	2737
Bihar	122156	23091	98454	610

Information :-

The Dashboard consists of :-

1. **Donut chart** which show three status of cases which shows status active(blue) , recovered(green) , deceased(grey). And center shows total confirmed cases.
2. **Line Chart** which **shows last 7 days** data for active **,** recovered and deceased cases count
3. **Table** which shows the current count of confirmed, active , recovered and deceased.
4. **INDIA MAP consist of two parts**
   a) **Boxes** containing Total count of confirmed , active , recovered , deceased cases with recent updated date of covid data(comes from API).
   b) **Chloropeth map** of india which shows current date confirmed cases in every state.

5 Initially **The Donut chart , Line chart and boxes** shows complete data of india but if user hover on any of the states on table or chloropeth map then the donut chart , line chart , and boxes updates the value for only that state. And on removing the hover from any of the states the Donut Chart , line chart and boxes returns on their original count state which is total count.

Tasks

1. Create dashboard using , Html , css and (jquery , or javascript or React.js)
2. CSS should be created with classes . inline style will not be appreciated. choose optimum font-style for the dashboard by yourself.
3. Creating dashboard with react.js will be huge plus point. **
4. Applying the fundamentals and principles of React.js while designing Dashboard, will be awarded huge credits.
5. Innovations and creativity in terms of UI and css is welcomed.
6. The Dashboard should be **responsive** so the UI should adjust itself on window resizing.

7. **Important** : - if user hover on any of the states on table or chloropeth map , the donut chart , line chart , and boxes should update the value for only that state. And on removing the hover from any of the states the Donut Chart , line chart and boxes should return to its original count state.

APIs Link :-

https://api.covid19india.org/data.json
https://api.covid19india.org/states_daily.json