Tableau Capstone Project

Feb. 2022

Made by- Shubham Gupta

COVID 19 Dataset

Context:

- A new coronavirus designated 2019-nCoV was first identified in Wuhan, the capital of China's Hubei province.

- The virus has shown evidence of human-to-human transmission

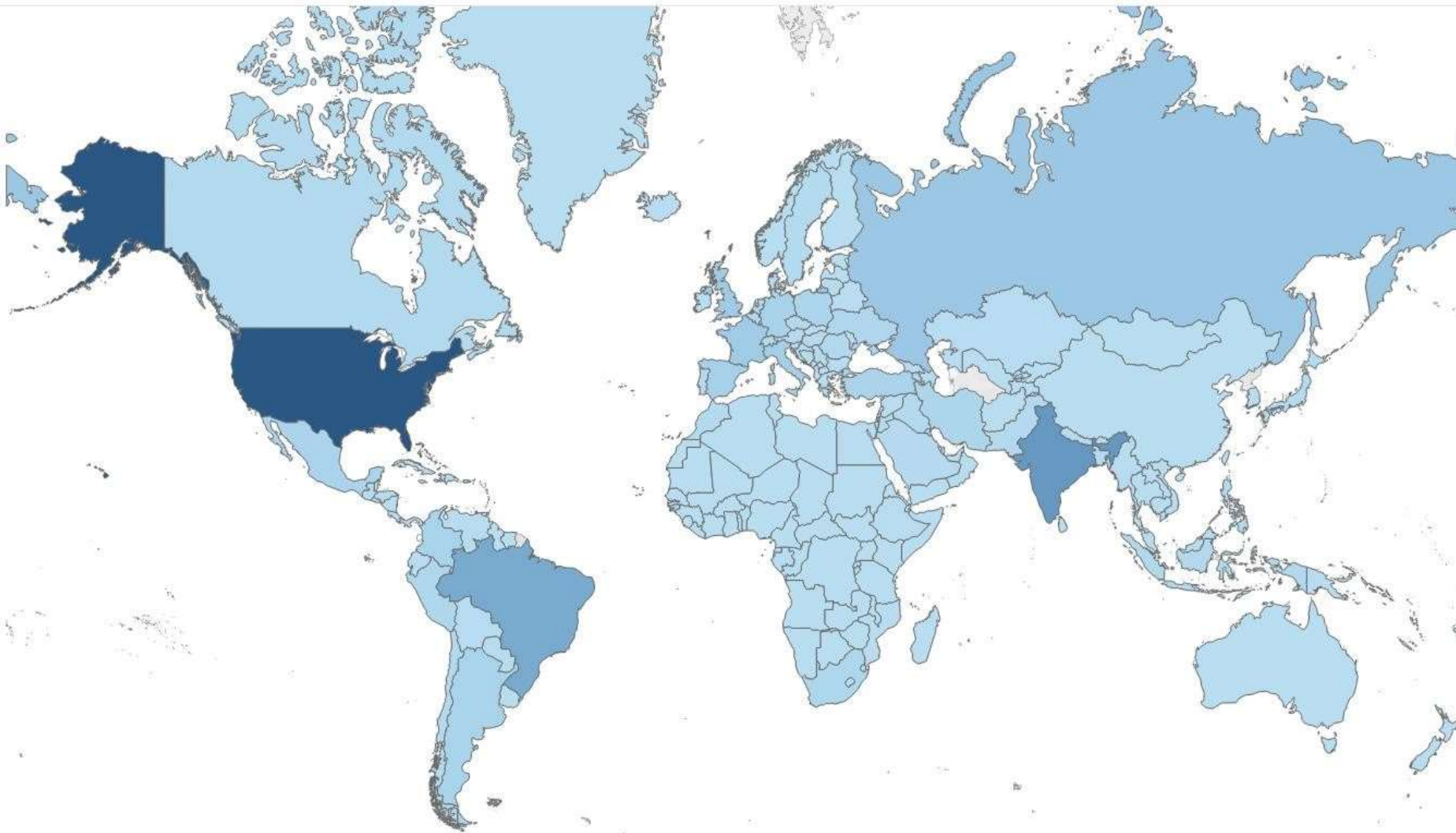- As of 30 January 2020, approximately 8,243 cases have been confirmed.

Content:

- This dataset contains historical data on weekly number of new reported COVID cases and deaths worldwide in 2020.

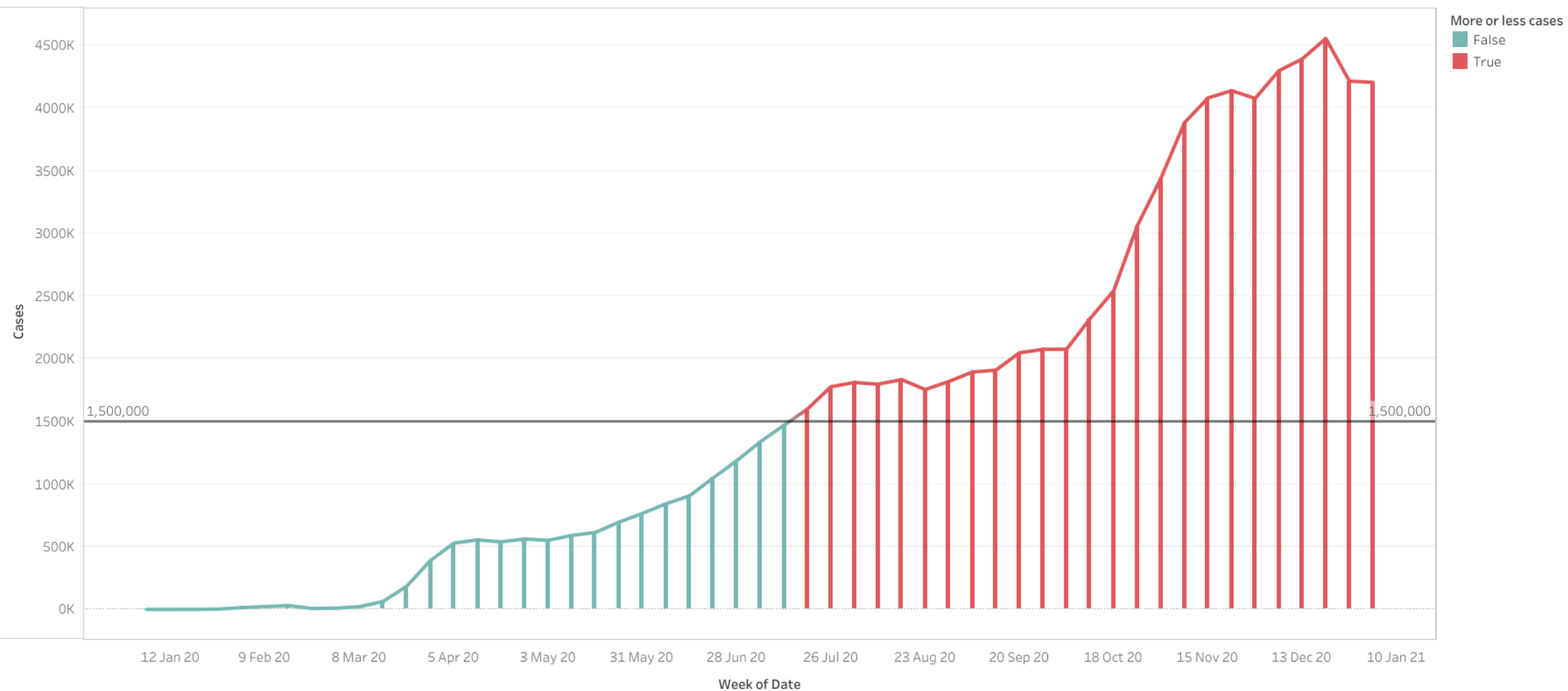Source of Data: https://www.kaggle.com/codebreaker619/covid-19-dataset

Problem Statements

- Worldwide Situation of Covid 19.

- Total confirmed case /deaths by different countries.

- Weekly Confirmed cases/deaths.

- Comparison of different regions by cases/deaths in different months.
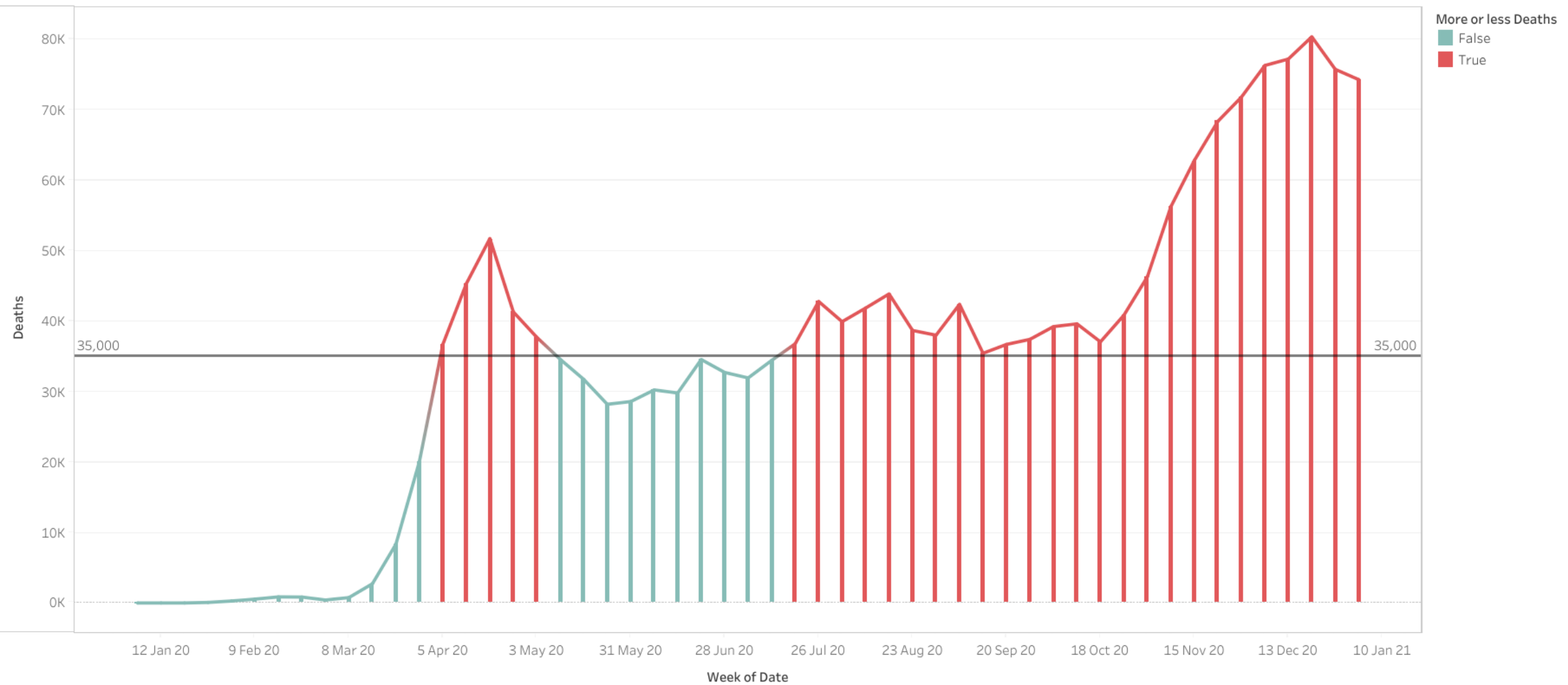
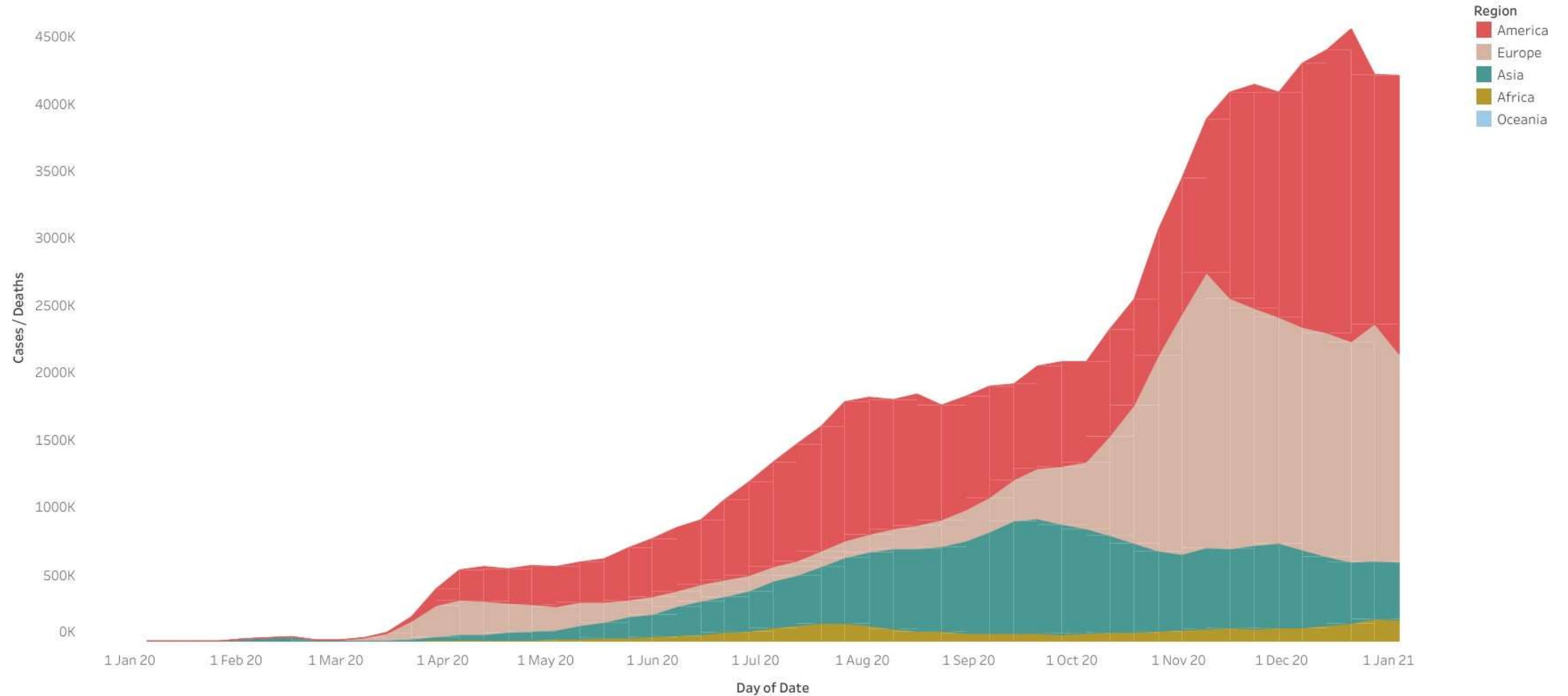- Top 10 Infected countries.

Global Situation

Weekly Cases

More or less cases
- False
- True

Y-axis (Cases): 0K, 500K, 1000K, 1500K, 2000K, 2500K, 3000K, 3500K, 4000K, 4500K

1,500,000

X-axis (Week of Date): 12 Jan 20, 9 Feb 20, 8 Mar 20, 5 Apr 20, 3 May 20, 31 May 20, 28 Jun 20, 26 Jul 20, 23 Aug 20, 20 Sep 20, 18 Oct 20, 15 Nov 20, 13 Dec 20, 10 Jan 21
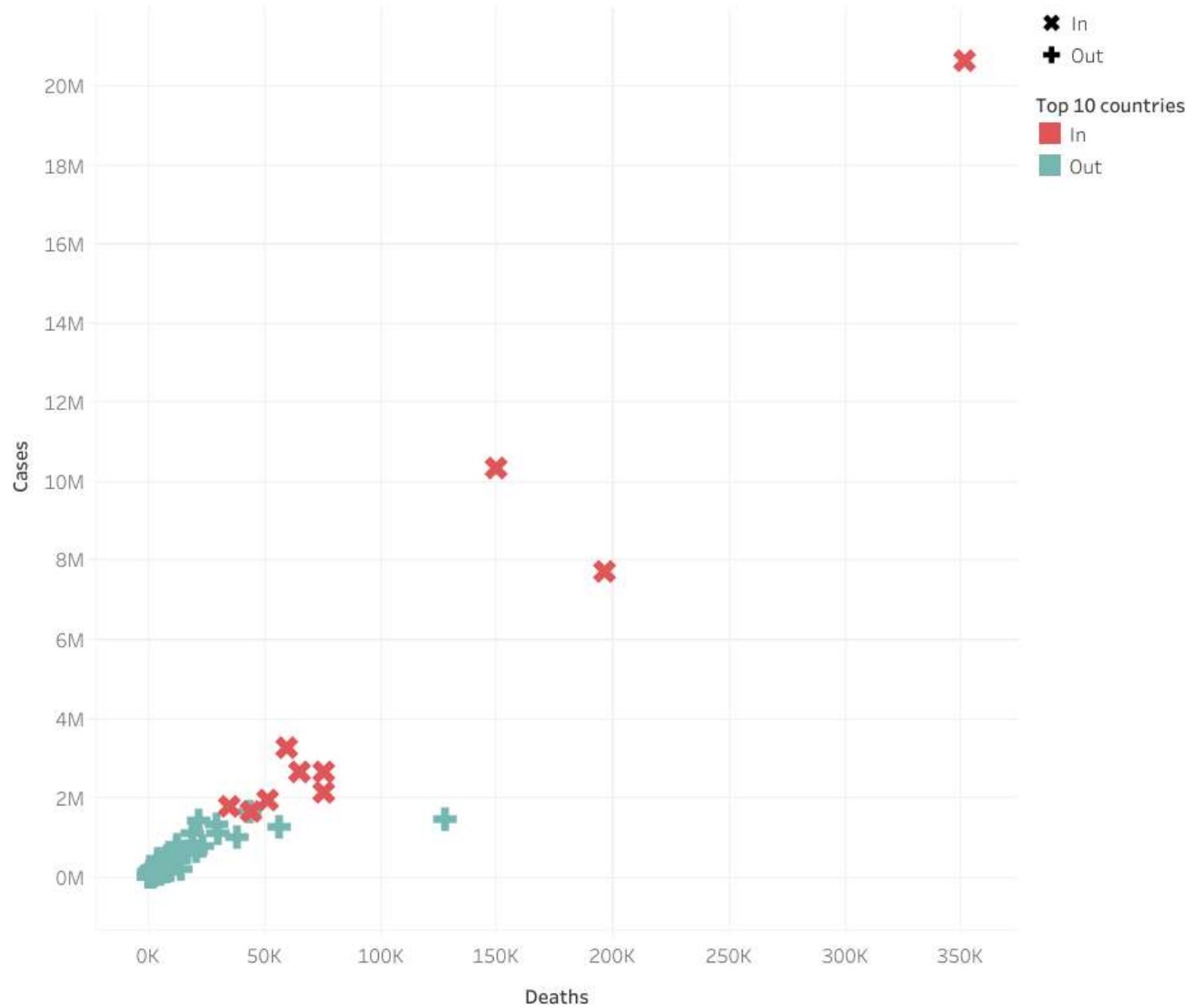
Weekly Deaths

Cases by Region

Top 10 Infected countries

Cases in different Regions by month

Coronavirus Disease (Covid19) Dashboard

Global Situation

© 2021 Mapbox © OpenStreetMap

Confirmed Cases **84,532,119**

Weekly Cases

Cases / Deaths

- Cases
- Deaths

Select_Cas..

Confirmed Deaths **1,845,591**

Weekly Deaths

Select_Dea..

Cases / Deaths

- 0
- 2,000,000
- 4,000,000
- 6,000,000
- 8,000,000
- 9,133,775

Top 10 Infected countries

Cases in different Regions by month
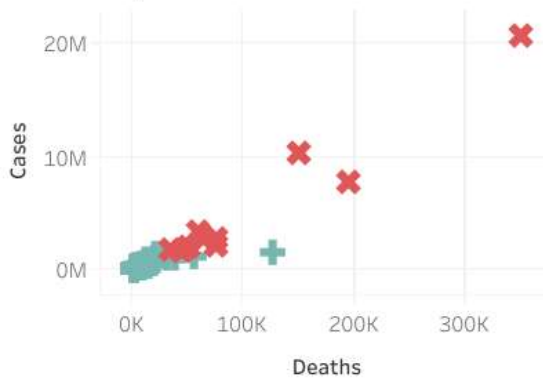
Month of D..	Region				
	Africa	America	Asia	Europe	Oceania
January 20..					
February 2..					
March 2020					
April 2020					
May 2020					
June 2020					
July 2020					
August 2020					

Cases by Region

Top 10 countries
- In
- Out

Region
- America
- Europe
- Asia
- Africa
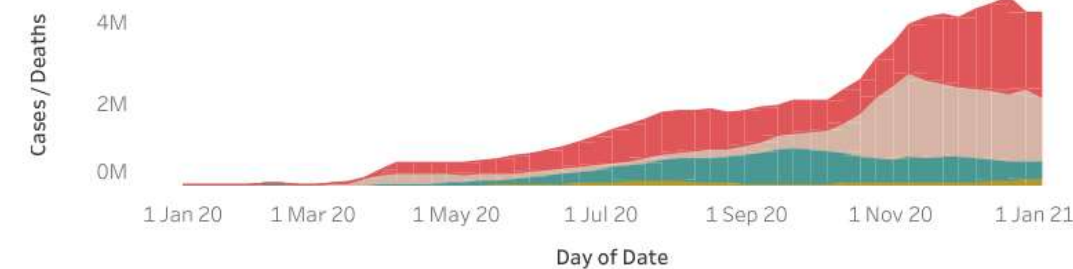
Summary of the project

- Coronavirus disease (COVID-19) is an infectious disease caused by a newly discovered coronavirus. Most people infected with the COVID-19 virus will experience mild to moderate respiratory illness and recover without requiring special treatment.

- There are 8,45,32,119 confirmed COVID-19 Cases and 18,45,591 death across 213 countries and regions. (As of Jan 4, 2021)

- The United States has passed the peak on coronavirus cases which is 2,06,40,214 and 3,51,590 Deaths.

- India features at the 2nd position, with 1,03,40,469 positive cases & 1,49,649 Deaths.

- Most of the cases have recorded in December 2020.

Conclusion

- With the help of this dashboard, it become very easy to know the weekly data of COVID-19 cases & deaths in particular country. We don't need to search the data in 1000's rows. Analyzing the data is very easy. Multiple charts are joined to the main dashboard in graphical representation.

- The outcome helps us to know the cases & deaths in different prospective with respect to months, countries, regions etc.

- We can classify this data from dashboard.

Thank you