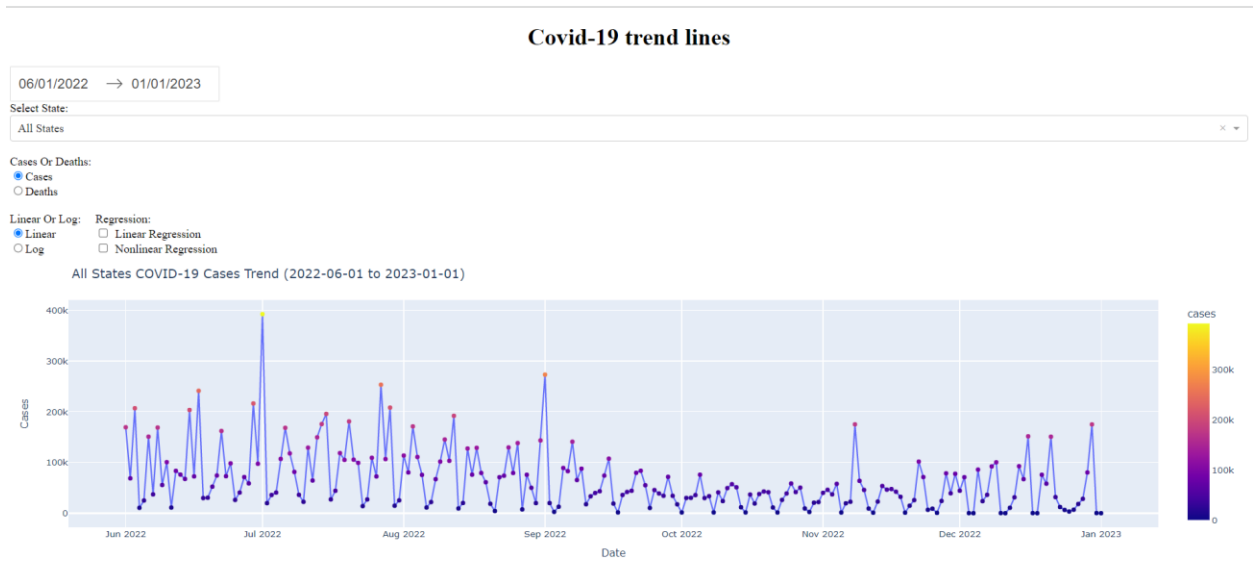**Initial view of the dashboard**
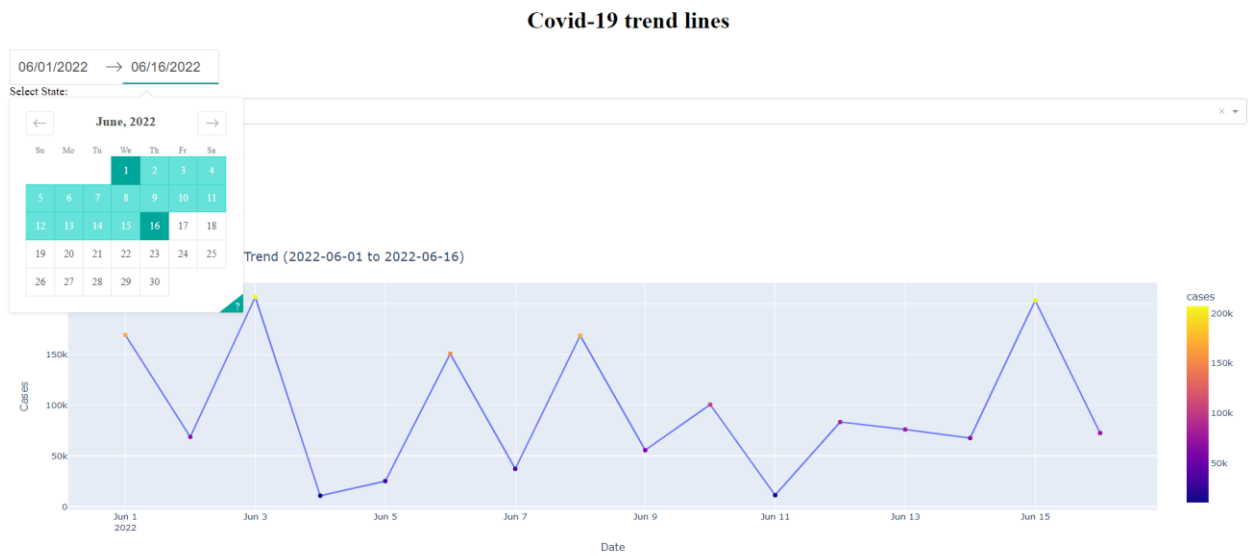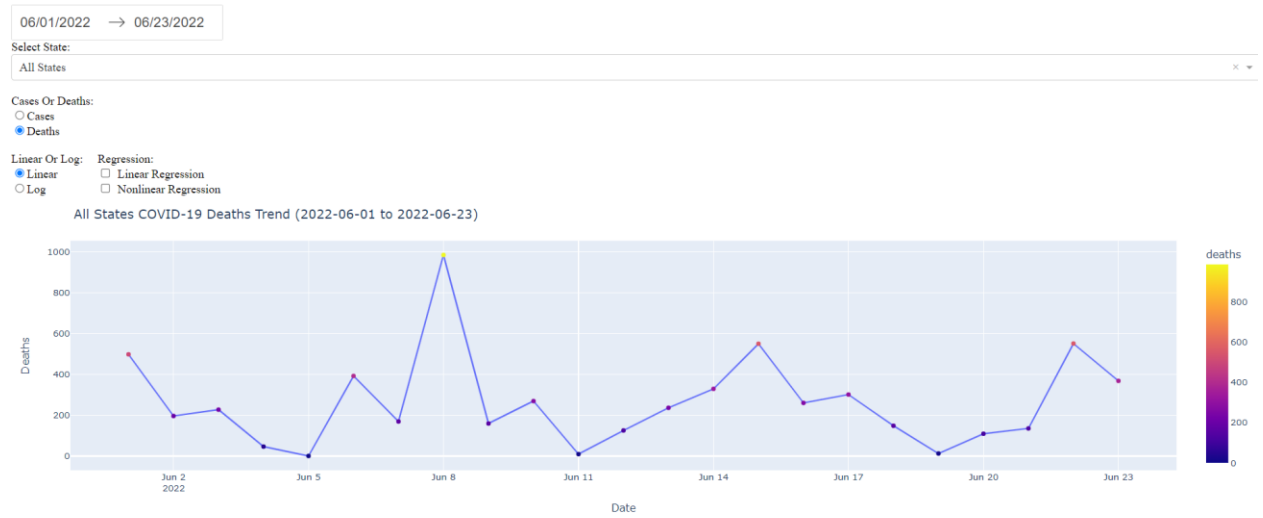

1. Allow for the selection of dates to show the trend of COVID-19 cases and deaths.

Linear Cases:

Linear Deaths:

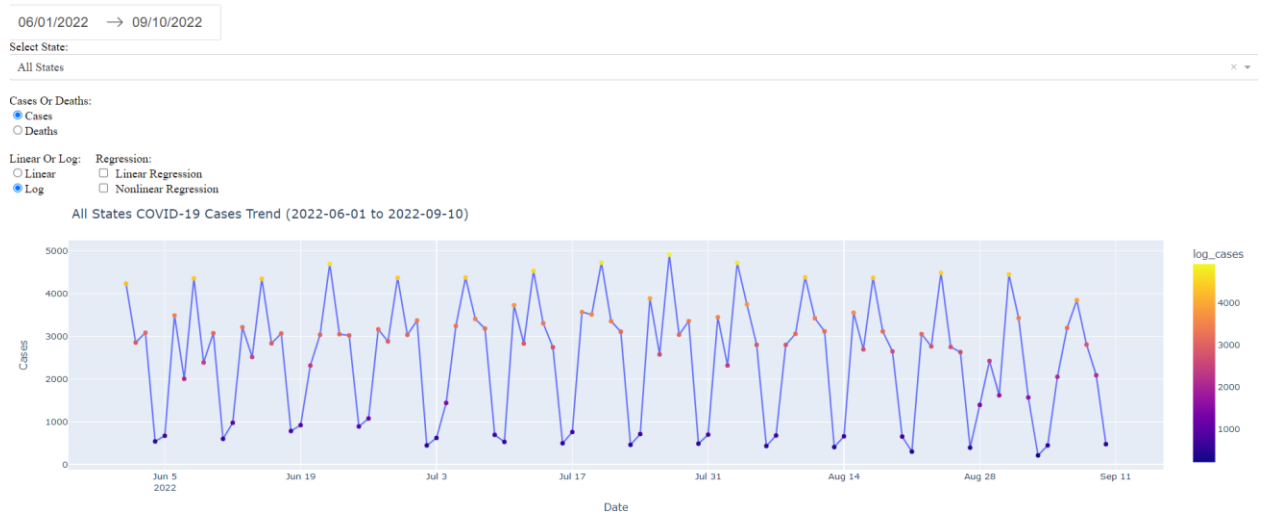

2. Allow for linear or log mode selection on the number of cases and deaths.

Log Cases:

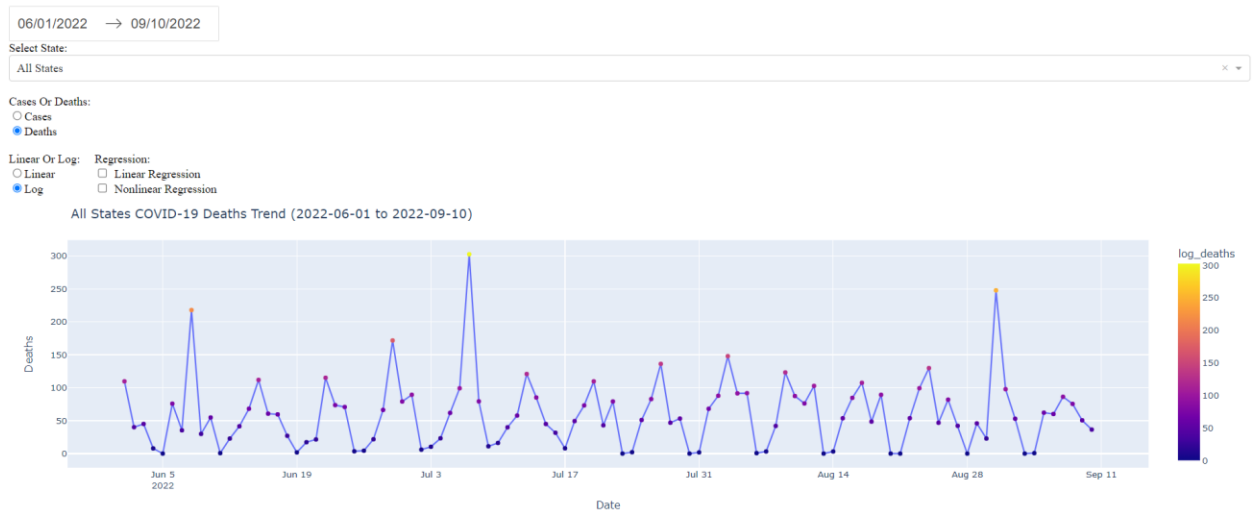Log Deaths:

Covid-19 trend lines

06/01/2022 → 09/10/2022

Select State:

All States × ▼

Cases Or Deaths:
○ Cases
● Deaths

Linear Or Log: Regression:
○ Linear   ☐ Linear Regression
● Log   ☐ Nonlinear Regression

All States COVID-19 Deaths Trend (2022-06-01 to 2022-09-10)

3. Incorporate your best model prediction trend line - Linear / Non-Linear.

Cases:

Covid-19 trend lines

06/01/2022 → 01/01/2023

Select State:

All States × ▼

Cases Or Deaths:
● Cases
○ Deaths

Linear Or Log: Regression:
● Linear   ☑ Linear Regression
○ Log   ☑ Nonlinear Regression

All States COVID-19 Cases Trend (2022-06-01 to 2023-01-01)

Deaths:

06/01/2022 → 01/01/2023

Select State:

All States

Cases Or Deaths:
○ Cases
◉ Deaths

Linear Or Log: Regression:
◉ Linear   ☑ Linear Regression
○ Log   ☑ Nonlinear Regression

All States COVID-19 Deaths Trend (2022-06-01 to 2023-01-01)
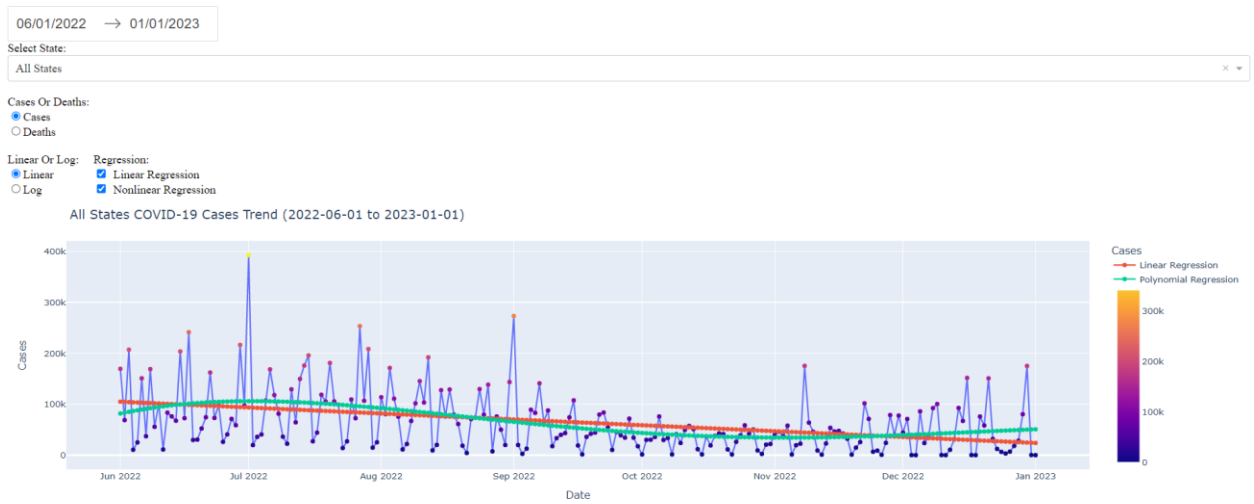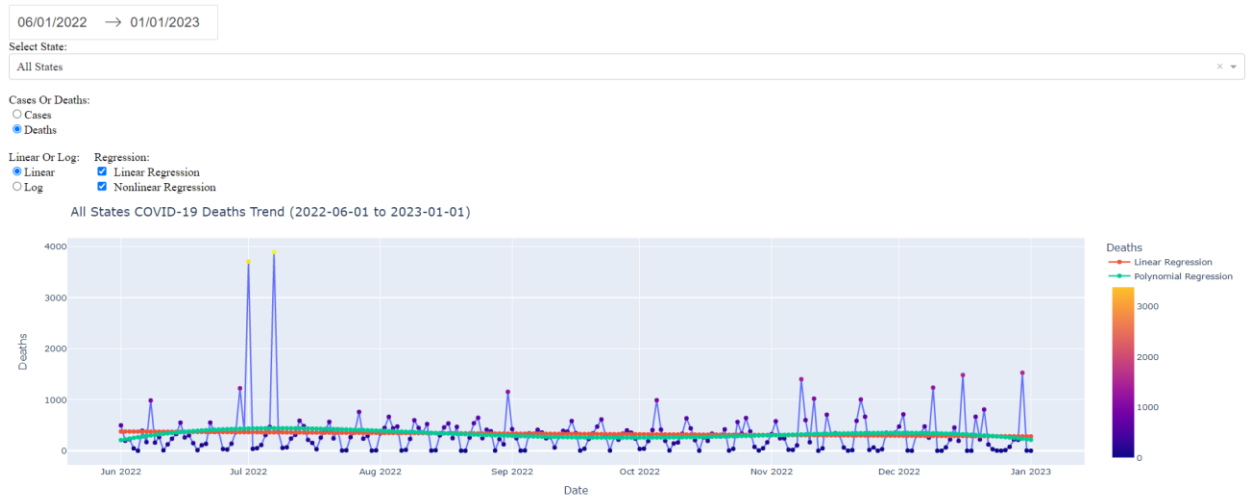
4. Plot the trend line using moving average. Use 7-day moving average

Cases:

Covid-19 7 Day moving average

06/01/2022 → 01/01/2023

Select State:

× All States

Cases Or Deaths:
◉ Cases
○ Deaths
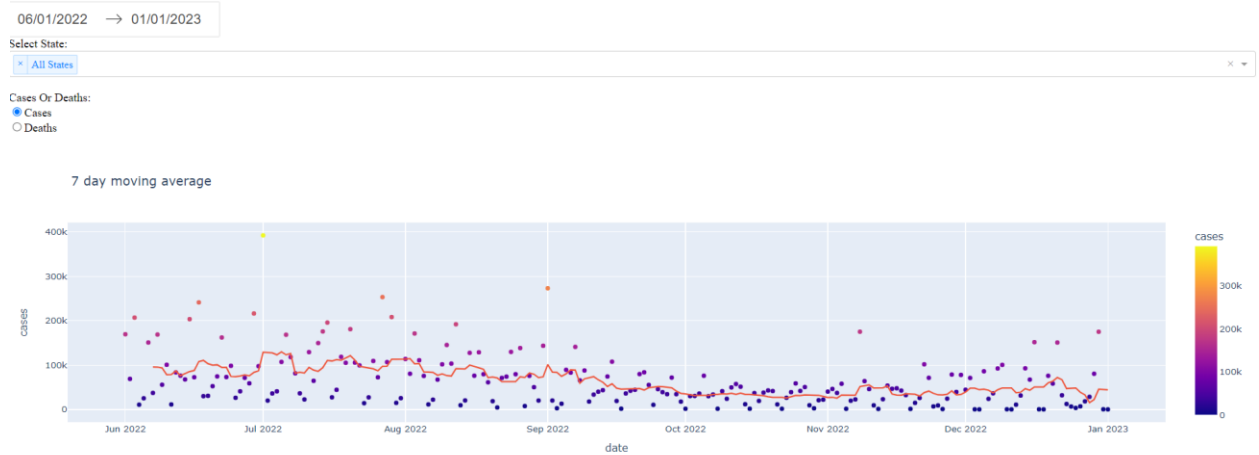
7 day moving average

Deaths:
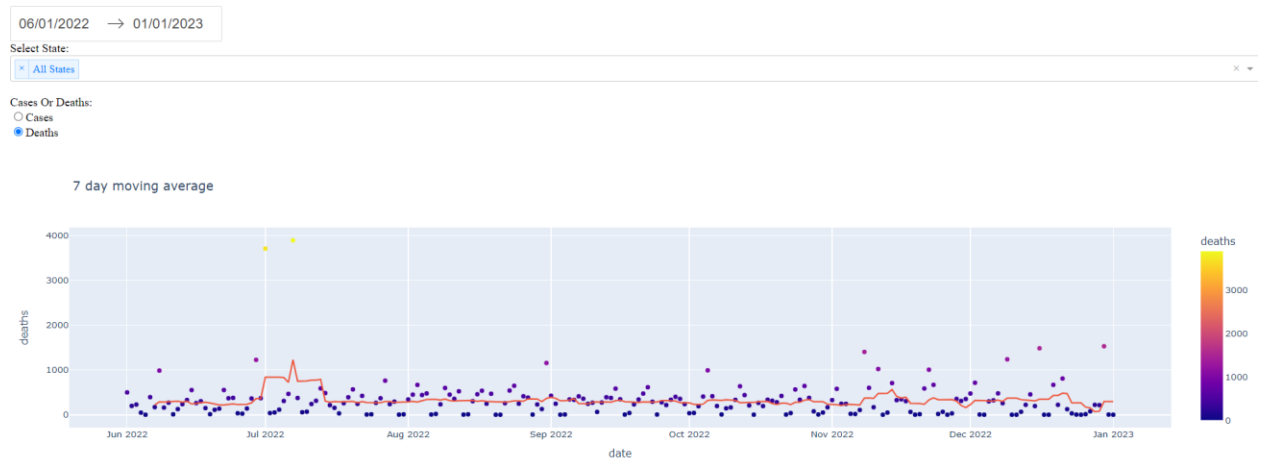
5. Allow for selection of multiple states on the same graph.

Cases:

Deaths:

Covid-19 7 Day moving average

06/01/2022 → 01/01/2023

Select State:

× CA   × ID   × PA   × ▾

Cases Or Deaths:
○ Cases
● Deaths

7 day moving average