

# Covid Analysis Description

## **INTRODUCTION:**

The main motive of this project is to give the complete analysis of covid like number of positive and negative cases, number of deaths and recoveries etc. We have chosen this project because this is the current pandemic situation which we are facing. So, everyone must be aware of what exactly is happening.

## **ANALYSIS:**

We have analysed the data which comprises of number of positive , negative and recovered cases of all states in the US. In specific, we have compared and analysed the data,for example:

- 1.What is the average number of positive cases in corresponding states?

Important things: positive cases, states.

- 2.What is the total number of recovered cases in corresponding states?

Important things: recovered cases, states.

3. Plot the top 10 states with highest number of recovered cases?

Important things: states, recovered cases.

4. Create a table to showcase negative and recovered cases in various states.

Important things: states, recovered cases, negative cases.

5. Plot a pie chart to showcase the distribution of top 25 states with total test results.

Important things: states, total test results.

- 6.What is the total number of negative and positive cases of corresponding states?

Important things: Positive cases, Negative cases, States.

## **REQUIREMENTS AND SPECIFICATIONS:**

Software Requirements: IBM COGNOS, IBM CLOUD.

We have also used Excel sheet which gives the info about covid data of states in the USA in csv format.

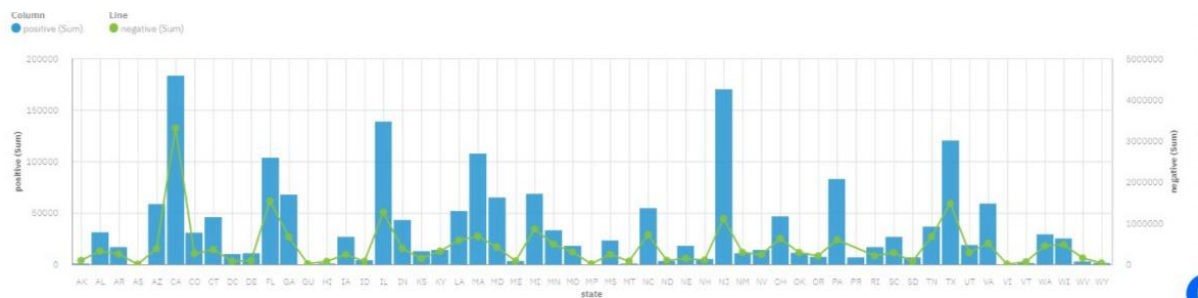
## **DESIGN:**

In the IBM COGNOS we have used 7 cards and various types of visualizations such as bar graph, column, line and column, pie charts, text tables ,area curves for plotting and analysing the data.

## IMPLEMENTATION:

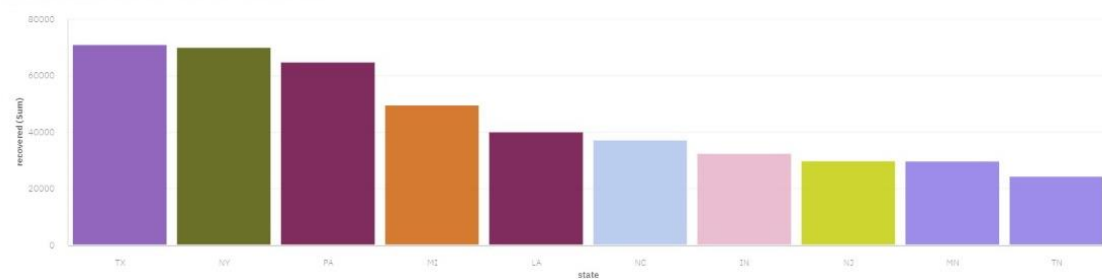
The implementation of our project is as follows:

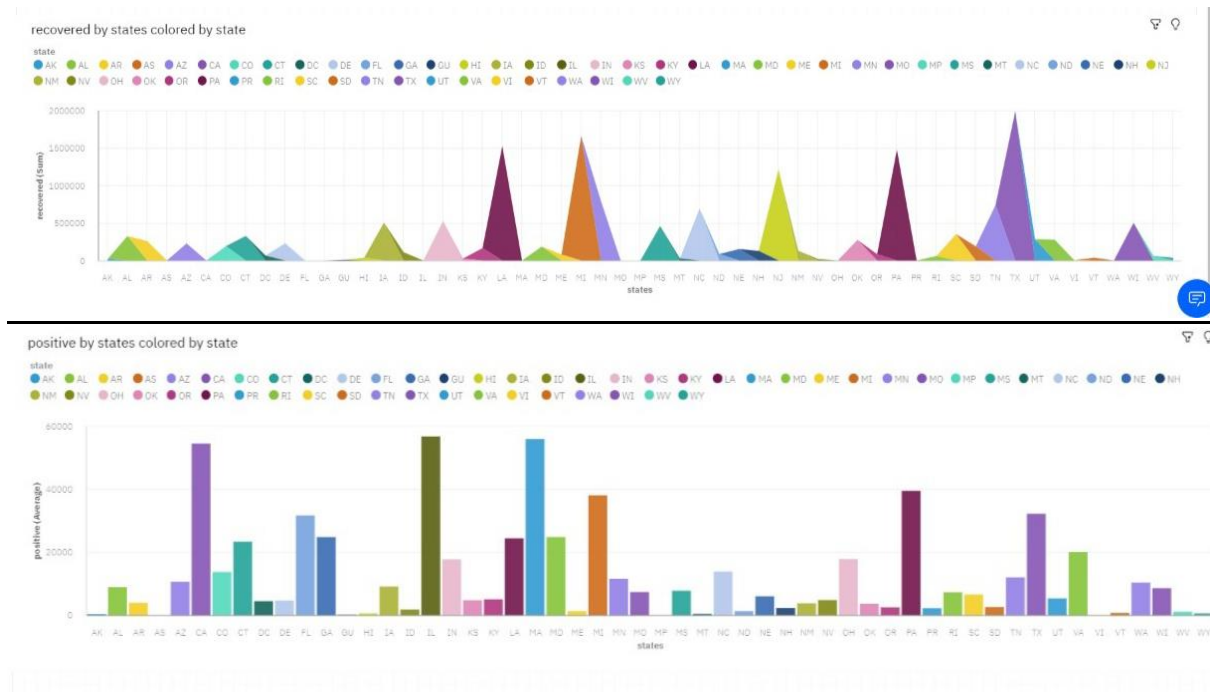
state	recovered	negative
AK	502	92169
AL	15974	322941
AR	11220	247814
AS	(no value)	174
AZ	7746	382339
CA	(no value)	3313856
CO	4342	257171
CT	7842	358045
DC	1182	73208
DE	6554	86689
FL	(no value)	1537249
GA	(no value)	663583
GU	174	10426
HI	669	68524
IA	16579	238330



recovered by state colored by state

state  
IN LA MI MN NC NJ NY PA TN TX





**CONCLUSION:**

It can be concluded that covid analysis was a success. It consists of bar graph, column, line and column, pie charts, text tables, area curves for plotting and analysing the data. It is user friendly and easy to understand.

The project successfully meets the following achievements:

- 1.It analysed the covid data and gave the solution for given problems.
- 2.Designed a user friendly and accurate one which provides complete info about the covid data.

Future enhancements:

The proposed future enhancements for covid analysis are:

Try to find a way to analyse the more data and try to display more accurate and easily understandable data .