Tableau Dashboard
on Spread of Corona Virus in India

Data Set Details and their description

First Sheet: Corona Virus Details

I. **S.No. :** Indicates serial number of the registered case
II. **Date:** Indicates date when the case was reported
III. **Time:** Indicates the time at which the case was registered
IV. **State/UnionTerritory:** Indicates the State or Union Territory where the patient was identified
V. **Confirmed Indian National:** Indicates the count of Indian National pertaining to each day in respective state.
VI. **Confirmed Foreign National:** Indicates the count of Foreign National pertaining to each day in respective state.
VII. **Cured:** Indicates the total number of people who were counted as cured on a particular day in a particular state
VIII. **Deaths:** Indicate the total number of deaths on a particular day in a particular state
IX. **Total Confirmed Cases:** Indicates the total number of confirmed cases i.e. Indian National as well as the Foreign national on a particular day in a particular state.

Data Set Details and their description

Second Sheet: State-wise vaccine Data

i. **State :** Indicates the State where the vaccine was administered

ii. **First Dose:** Indicates the count of total number of vaccines administered as First Dose on a given date

iii. **Second Dose:** Indicates the count of total number of vaccines administered as Second Dose on a given date

iv. **Total Doses:** Indicates the count of total number of vaccines administered on a given date (First Dose + Second Dose)

v. **Male:** Number of males who received the vaccine

vi. **Female:** Number of females who received the vaccine

vii. **Vaccine:** Indicates which vaccine was administered to males and females on a given day, namely: Covishield, Covaxin and Sputnik

Questions and directions to create a Dashboard

From File 1

1. **Create a Dual Axis Map (Field + Symbol) to represent Number of Total Cases and Total Deaths in each state of India.**
2. **Create a Dual Axis Area chart (Area+Area) to represent Total Number of Confirmed cases and Total Number of cured cases respectively.**

Use the same parameter for Q3 and Q4

3. **Create a Highlight table with a parameter to show top states with highest number of deaths. The parameter will take input from the end user to represent Top N states accordingly.**
4. **Create a Highlight table with a parameter to show top states with highest number of people getting cured. The parameter will take input from the end user to represent Top N states accordingly.**
5. **Create a Text Block of cure percentage using a calculation field (drop that calculation field in text). Use filters to provide end user the functionality of selecting a state as per their choice.**
6. **Create a Text Block of death percentage using a calculation field (drop that calculation field in text). Use filters to provide end user the functionality of selecting a state as per their choice.**

Questions and directions to create a Dashboard

From Sheet 2

7. **Create a Bar chart to compare the total number of doses administered as First and Second Dose.**
8. **Create a donut chart to represent all three different type of vaccines and their percent of total (Table Calculation).**
9. **Create a drill down table to represent states and their respective data of first and second dose. Apply filters of state to the visualization.**
10. **Create a word map of states on the basis of their total doses.**
11. **Create a visualization to compare total doses received by male and female (Bar chart, Tree map, packed bubble are not allowed)**
12. **Create a field map to represent total doses administered in each state.**
13. **Create two dashboards to compute all the sheets created for insights.**