



School of Computing Science and Engineering

Lab exercise

Code/Course	:	CSE3020 – Data Visualization	Date	:	16/11/2021
Lab Experiment		Time series data visualization	Slot	:	L9+L10

Pre-requisite: We will assume you are moderately familiar with basic concepts in Tableau

Dataset : Covid 19 dataset (<https://www.kaggle.com/sudalairajkumar/covid19-in-india>)

Exercises

- Create an interactive dashboard for the Covid 19 dataset with at least 4 sheets by applying Filter action. Explain the step by step process and insights.
 - Sheet 1: create two bar charts for confirmed cases of the year 2020 and 2021 and also apply forecasting
 - Sheet 2: create two line charts for cured cases for the year 2020 and 2021 and also apply forecasting
 - Sheet 3: create two area charts for deaths cases for the year 2020 and 2021 and also apply forecasting
 - Sheet 4: create symbol maps to show state/union territory and apply filter action. When a state/union territory is selected then the Confirmed/Cured/Deaths values must be changed as per the selection.