

Assignment 2 on Data Visualisation (25%)

Due date: 01/12/2020

Create an animated time series plot from the given dataset, *time_series_19-covid-Confirmed_archived_0325.csv*, to show the evolution of confirmed COVID cases for India from Jan 2020 until March 2020.

Requirements:

1. Import the required libraries in Python.
2. Select the Confirmed Cases of Country = "India"/row = 15 from the given columns (from column 5 onwards).
3. Write a function in Python to get the required data for plotting.
4. Convert the date column to a day/month format.
5. Plot the confirmed cases on Y-axis with the dates on X-axis.
6. Create a Writer object with the required 'frames per second' setting and bitrate.
7. Define the animate function.
8. Call animate via the appropriate function from the matplotlib. Animation library
9. Display the animated video.
10. All the above should be done in Jupyter Notebook and the notebook file should be shared/uploaded via Github link in Moodle.