COVID-19 INDIA

**COVID-19 – A Global pandemic which has engulfed the World caused by the novel Coronavirus. The Statistics of causalities, effected people are tracked everywhere. This work is about analysis and visualization of COVID-19 India data on daily records. How this analysis becomes successful is explained below:**

**Basically, what I have done is I have written this scrapping code in “Jupyter Notebook” using “Beautiful soup” package of Python.**

**The question arises here that- “what this package done actually?”. Beautiful Soup is used for parsing HTML and XML documents. It creates a parse tree for parsed pages that can be used to extract data from HTML, which is useful for Ib scraping.**

**So, basically Beautiful soup helped us in scrapping data from Ministry of Health Government of India Ibsite. Then, I have a scrapped data which is in String datatype so I have changed its datatype and save it into a Dataframe. And then this Dataframe is saved into a csv format.**

**After this, I have created a pipeline between Python and Tableau, basically Tableau is a Visualization tool used for visualizing the data and find some useful & key insights from it.**

**Then my csv file which I have created in Python, is connected with tableau and done some visualization & I have created a Dashboard which shows the COVID-19 cases. You can see when I refresh the code in python our visualizations figures of COVID-19 get changed in Tableau.**

**My tableau link is https://public.tableau.com/profile/anushka.singh2460**

**This is a very interesting part of it I don’t have to download the COVID-19 data again-n-again, just in one tap I get it what I have to do is everyday refresh both of our files that is Jupyter Notebook and automatically data gets updated.**

**This makes our task easier & saves our time.**

**So, this is all our Work. Like I have written scrapping code by which I are getting data of covid-19, I linked that dataset with our tableau and made our analysis and visualization part which I learned through a very good platform i.e. our college “Maharishi University of Information & Technology” under the guidance of our very intelligent & experienced Professor Mrs. Eeshani Agrawal.**

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**Thank you**

**Anushka Singh**