BLOSSOM ACADEMY -- SUMMER MACHINE LEARNING COURSE

IN-CLASS SESSION WORK -

# COVID-19 Analysis With Python

Python is a highly powerful general-purpose programming language that can be easily learned and provides data scientists a wide variety of tools and packages. Amid this pandemic period, you are to analyze this novel coronavirus.

You are to do the following:

1. Gathering Data
2. Transforming Data to our needs (Data Wrangling)
3. Exploratory Data Analysis (EDA) and Visualization

You can find the data on the website here: <https://coronavirus-disasterresponse.hub.arcgis.com/datasets/bbb2e4f589ba40d692fab712ae37b9ac_1/geoservice?geometry=169.709%2C-38.069%2C-152.322%2C63.033> or use this: <https://raw.githubusercontent.com/owid/covid-19-data/master/public/data/owid-covid-data.csv>

As part of the EDA, you are to do the following:

Part 1 — Ranking Most affected countries

i) Top 10 Confirmed Cases Countries:

ii) Top 10 Death Cases Countries:

iii) Top 10 Recovered Cases Countries:

iv) Top 10 Active Cases Countries:

Part 2 — Ranking most affected States is largely affected Countries:

EDA for ranking states in largely affected Countries:

i) Most affected States in the USA:

ii) Most affected States in Brazil:

iii) Most affected States in India:

iv) Most affected States in Russia: