



DATATHON

A machine learning & Data Science competition

Problem Statement :

Make a time series for any group identified. You may want to go through the following steps.

- a- Assume a simple ARIMA model (mandatory) – using three parameters
- b- Identify stationarity using ACF and PACF functions
- c- Finally try and predict in-time and out of time using the identified time series.
- d- Calculate the AIC and BIC values for the time series.

Dataset 1:

<https://data.cdc.gov/NCHS/Conditions-Contributing-to-COVID-19-Deaths-by-Stat/hk9y-quqm>

Dataset 2:

<https://data.cdc.gov/NCHS/Provisional-COVID-19-Deaths-by-Week-Sex-and-Age/vsak-wrfu>

Dataset 3:

<https://data.cdc.gov/NCHS/Provisional-COVID-19-Deaths-Distribution-of-Deaths/pj7m-y5uh>