Data without COVID-19 pattern
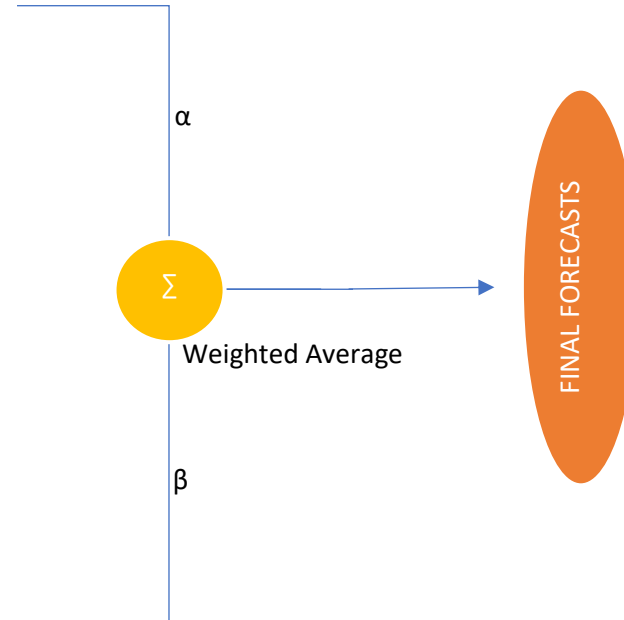
Time-series Forecasting Model

α

Σ

Weighted Average

FINAL FORECASTS

Data with COVID-19 pattern

Time-series Forecasting Model

β

Note:

- α and β are parameters that weigh the contributions of both these trends.
- So, they can be set as ratio of their timelines they are covering and contributing.
- Since without COVID-19 is covering data from 1991-2019 (=336 months) and with COVID-19 data is covering from 1991-2020 (=420 months), so
- α can be 0.4444 and β can be 0.5555.