MODEL DEVELOPMENT

The proposed model is a dynamic model that captures growth and changes, rather than a static model that features just stable historical data.

The model will be built to automatically feed off current and recurrent data readily available, easily accessible and spontaneously collected over time (if possible every minute), these would enable our model to capture data sets such as social connectedness and other Facebook data that appears to be very recent.

The solution of this model would help track the effects of these data changes on the growth in tuberculosis spread.

Mr. Ajala also suggested we consider a Moving Average (MA) model which captures the moving averages of all the data set we are able to gather in the development of this model which is a very beautiful idea.

Finally, Mr. Bosun suggested we create a UI that is programmed to function with our model, automatically scraps data from collection sources using APIs and feeds this data to our model to track growth in tuberculosis spread.

In addition to this, I suggest we allow our model keep track of shocks like pandemics or epidemics, so as to help prevent the problems witnessed during the COVID-19 pandemic period as regards to spikes in tuberculosis rate from happening in the future.