**Meeting notes 03 Apr 6.30 pm Sonit**

**Attendees: Santosh, Mathew, Karunya**

* LSTM is long term model, so it needs lots of historical data to learn.
* Linear Model: Don’t randomly shuffle. Instead split the data by number of years  
  i.e. 8 years of data for training, 2 years for test, 1 year for validation
* In the linear model, do not use random shuffle.
* Include the 10-year projection for population and temperature for the future years
* In LSTM, use validation set for Hypertuning. Otherwise, we won’t know how the model is performing.
* <https://machinelearningmastery.com/lstm-for-time-series-prediction-in-pytorch/>