* Read a dataset [if you notice any problem in the actual dataset, have this other dataset here <http://knowledgedefinednetworking.org/data/ovs.zip> or [http://knowledgedefinednetworking.org](http://knowledgedefinednetworking.org/) ]
* detail statistics
* export graph and export .csv
* use different approach for anomaly detection/fault detection and prediction (use more than one variable, and set it as global variable for when I change the analysis to be easy)
* pseudocode+flowchat of project/algorithm/model

Like I previously said about difference between our dataset and their dataset. Their dataset is sequential, in sense one row of their data affects next row. That's not something that's present with our dataset. It's not like I don't want to do that, it takes similar effort to make those diagrams, it's just not possible.

And about use different approach? i’m not sure what you mean. I was told to implement those papers for your model. And about anomaly detection, there were only 3 data points beyond 3 standard deviation from the mean. Which is definitely not enough for training an anomaly model.

About flowchart and pseudo-code, they were well delineated in the papers, lemme know if you have any problems on that part.

Further, about detailed statistics, i’ve already mentioned numbers well describing our model. As you probably know, there are different statistical analysis techniques for diff data, I’ve used again suitable for ours. Lemme know if any understanding is required on your side.

Applied this example in my data

* Use different approach for anomaly detection/fault detection and prediction (use more than one variable, and set it as global variable for when I change the analysis to be easy)
  1. <https://github.com/chickenbestlover/RNN-Time-series-Anomaly-Detection> (use this model and graph too)
  2. <https://github.com/akash13singh/lstm_anomaly_thesis> (use all details)
  3. <https://github.com/zhangxu0307/time_series_forecasting_pytorch> including MLP,RNN,LSTM,GRU, ARIMA, SVR, RF and TSR-RNN models. Put comparative models in the graphs
  4. Plot all graphs that exist in github code and add below
  5. When you send me the Code, send me with the graphics (in case you notice that the graph below doesn't fit, suggest me others)

As for the graphs that exist in github code, I’ve explained why they’re not possible for our case, reason being non-sequential data (which is ours) and sequential data on their part, I believe the graphics possible with our data, i’ve already sent them earlier.

|  |  |
| --- | --- |
| A close up of a map  Description automatically generated |  |
|  | A screenshot of a cell phone  Description automatically generated |
| A screenshot of a cell phone  Description automatically generated | A picture containing screenshot  Description automatically generated |
| A screenshot of a cell phone  Description automatically generated | A screenshot of a map  Description automatically generated |
| A screenshot of text  Description automatically generated | A screenshot of a cell phone  Description automatically generated |
| A screenshot of a cell phone  Description automatically generated | A screenshot of a map  Description automatically generated |
| A screenshot of a cell phone  Description automatically generated | <https://link.springer.com/article/10.1007/s10618-018-0569-7>  A close up of a map  Description automatically generated |
| https://journals.plos.org/plosone/article/figure?id=10.1371/journal.pone.0135155.g018A close up of a map  Description automatically generated | <http://kth.diva-portal.org/smash/get/diva2:1149130/FULLTEXT01.pdf>  A close up of text on a white background  Description automatically generated |
|  |  |