

Time Series on Wafer Processing

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1 Updates: Day June 17,2018

Yesterday I met with Tony and discussed some of the techniques that I could start with. Currently I am working on the dataset [1] that was provided by Samsung.

Techniques that were discussed:

1. Considering a fixed number of time-steps and predicting the output.
2. LSTM
3. Embeddings + LSTM
4. CNN AutoEncoder

I am working on the implementation and I will update you once I get the results.

2 Description of Datasets

1. Gas Sensor Array Drift Dataset at Different Concentrations Data Set

3 References

1. <https://archive.ics.uci.edu/ml/datasets/Gas+sensor+array+exposed+to+turbulent+gas+mixtures>