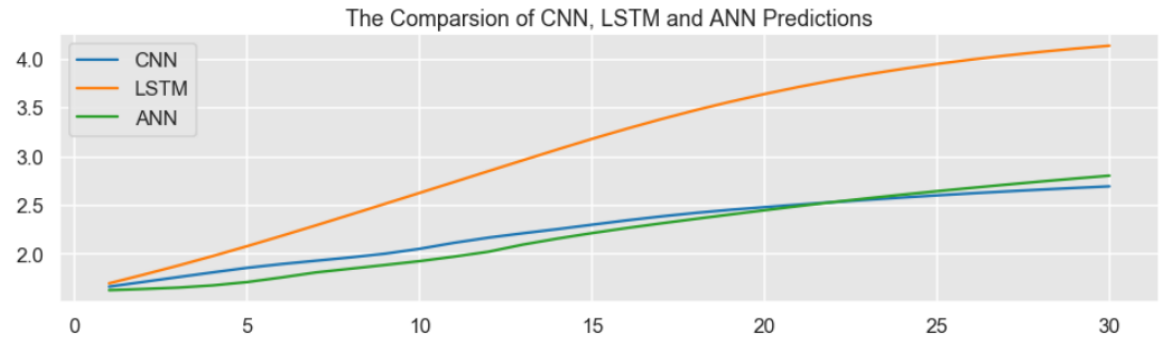
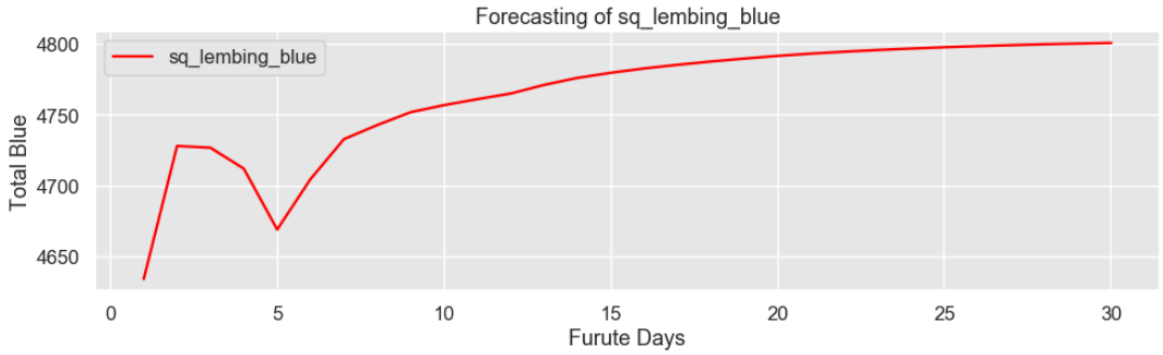
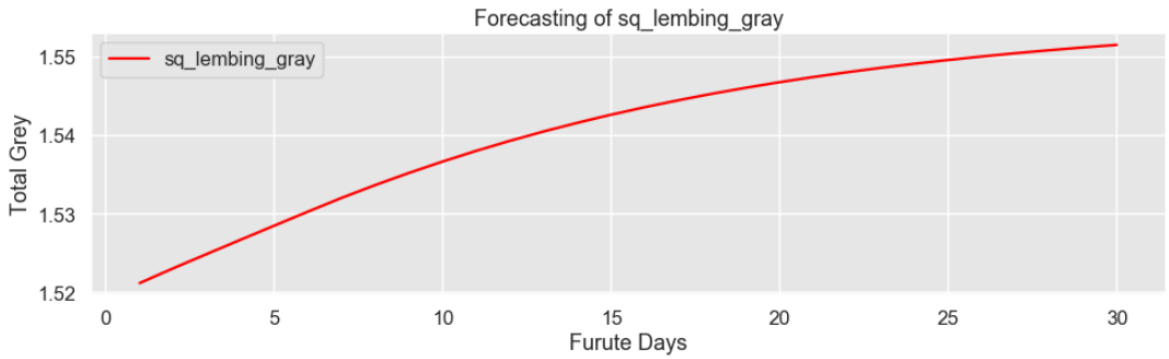
Forecasting Report:



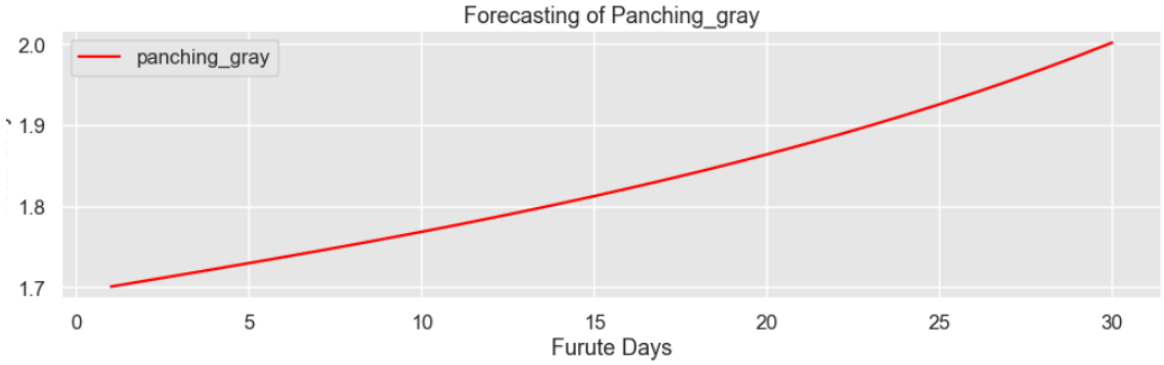
Each model has accuracy more than 92%



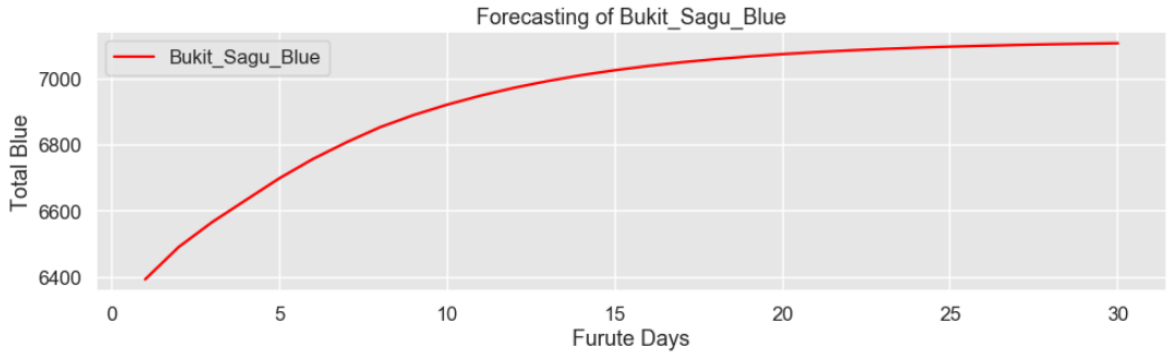
This is the prediction of Sg lembing Blue water footprint of future 30 days as you can see in future the there is an increasing trend



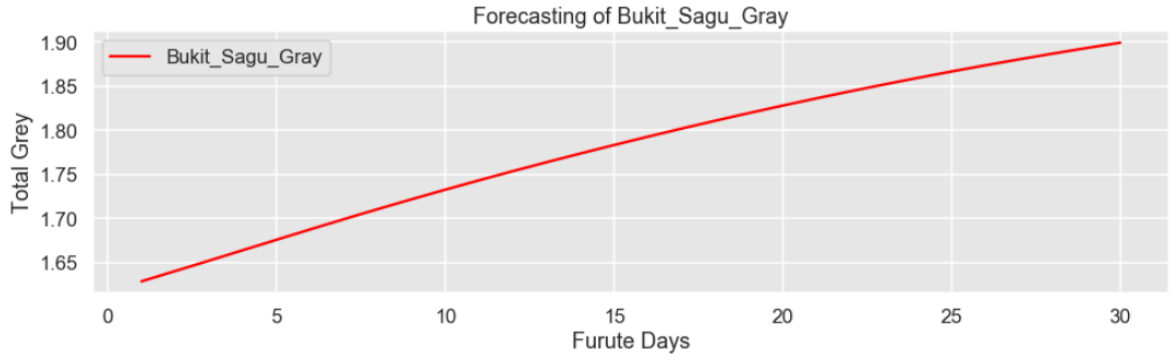
This is the prediction of Sg lembing Gray water footprint of future 30 days as you can see in future the there is an increasing trend



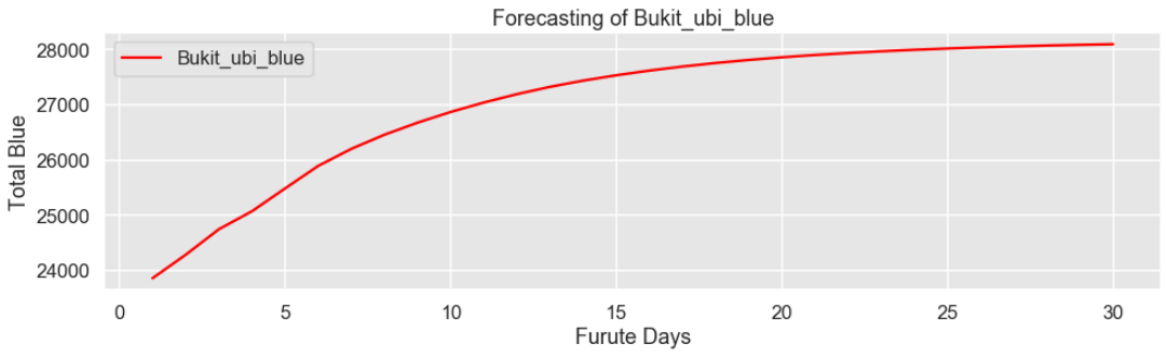
>This is the prediction of Panching Gray water footprint of future 30 days as you can see in future the there is an increasing trend



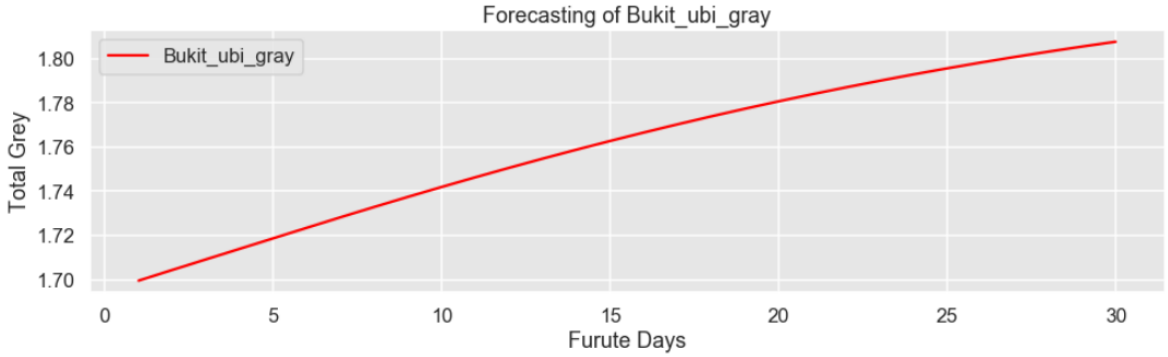
This is the prediction of Bukit Sagu water footprint of future 30 days as you can see in future the there is an increasing trend



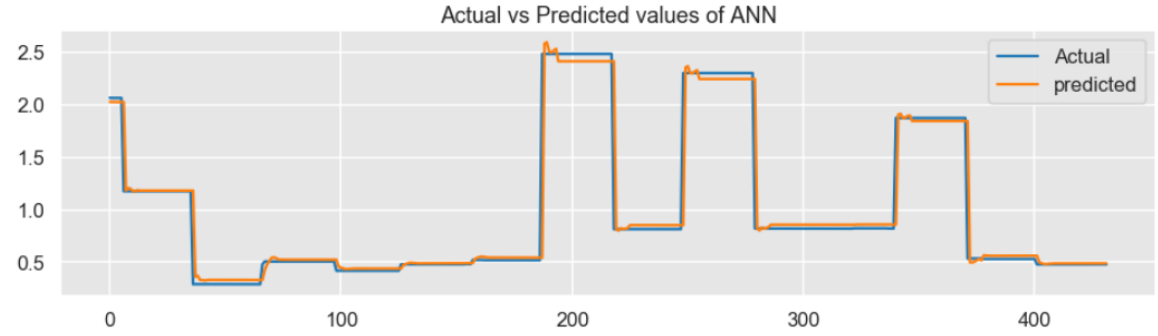
This is the prediction of Bukit Sagu Gray water footprint of future 30 days as you can see in future the there is an increasing trend



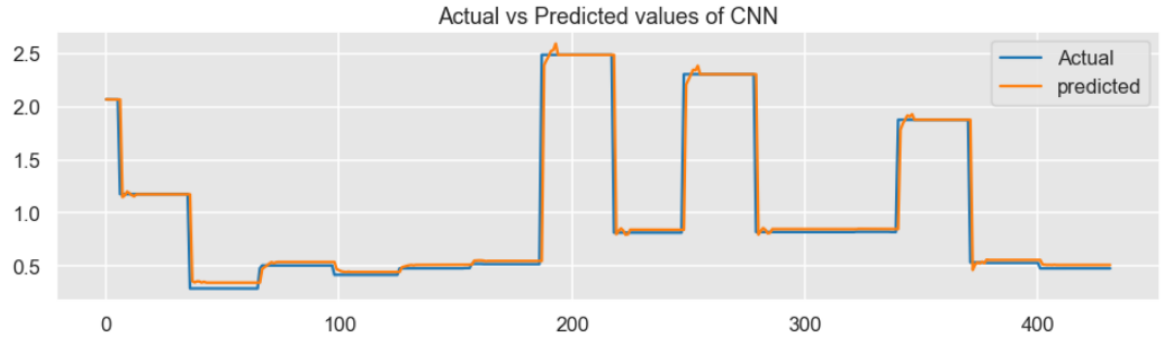
This is the prediction of Bukit Ubi Blue water footprint of future 30 days as you can see in future the there is an increasing trend



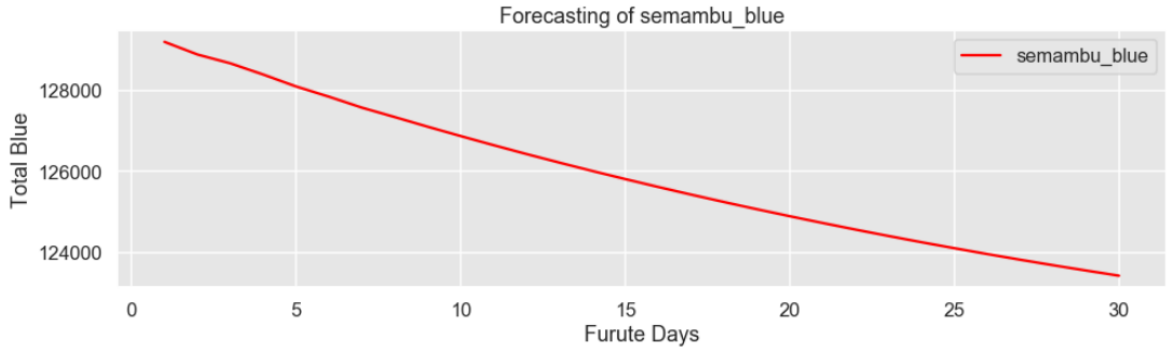
This is the prediction of Bukit Ubi Gray water footprint of future 30 days as you can see in future the there is an increasing trend



This is the performace testing graph of Ann model with Acutal values. As you can see the model is well fitted



This is the performace testing graph of Cnn model with Acutal values. As you can see the model is well fitted



This is the prediction of Semambu Gray water footprint of future 30 days as you can see in future the there is an Decreasing Slope

Conclusion:

I Built three models ANN ,CNN and LSTM . Each have accuracy more than 92% and Each performace is great .but lstm model has less error rate then ANN and CNN . So Lstm Model is proved to be the best model for this kind of datasets.