1. Models tried
   1. H2O Random forest model
   2. Increased complexity H2O random forester
   3. XGB regressor
   4. Deep learning using Keras framework
2. H2O random forest model performs better?
3. The findings of the importance of dq, WS and ASTD are correct
4. 0.2 m of MAE is acceptable
5. Feature selection?
   1. Specific humidity difference (dq)
   2. Air-sea temperature difference
   3. Wind speed
   4. Position- We can analyze more data from different geographic locations.

05/01/2019

1. Can we try using dq, ASTD and wind speed alone?
2. u and v are the x and y components of the Wind speed.

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Model 5 (dq, ASTD & WS) 🡪 MAE = 0.96

Model 6 (T, RH, and SST) 🡪 MAE 1.7

Model 7 (T, RH, SST and WS)🡪 MAE 0.63

Model 8 (T, RH, SST, WS & Pres) 🡪 MAE 0.4

What is feature engineering?

07/05/2019

1. AMS meeting
2. AWS – how to install libraries
3. Research papers

%%

ps -ef

ps -ef | grep “java”