

Quadra Energy

Prediction of energy losses based on EinsMan

Here is where your presentation begins

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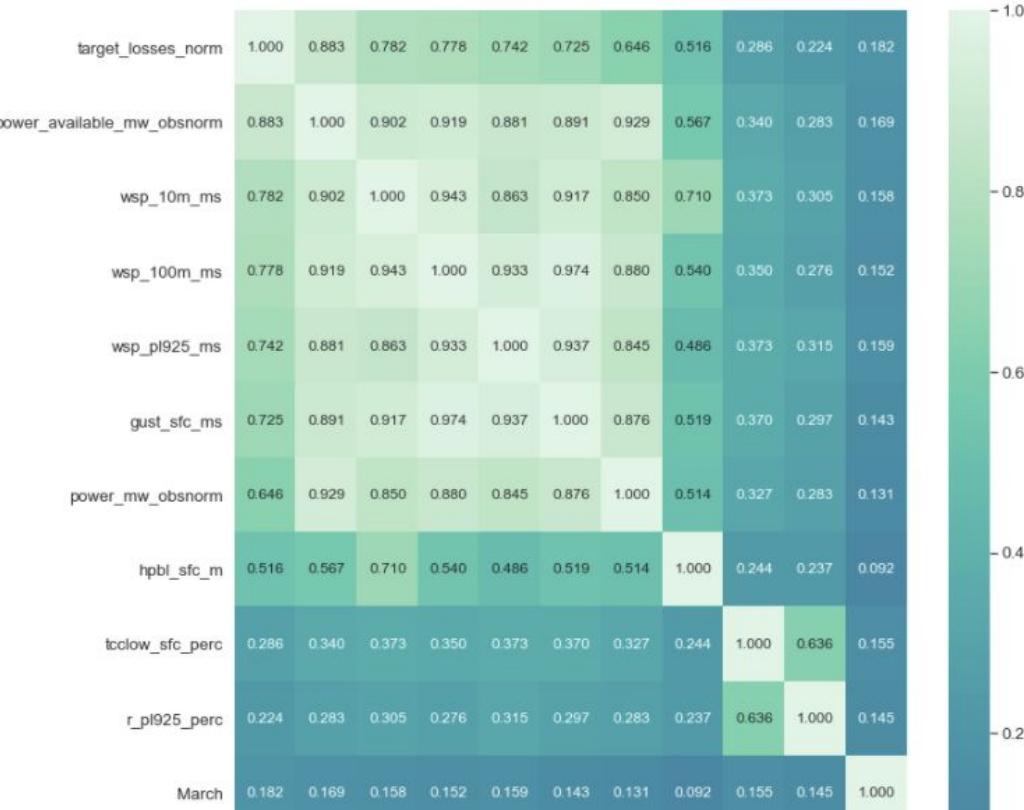
01

Current status EDA

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Correlation matrix for best features

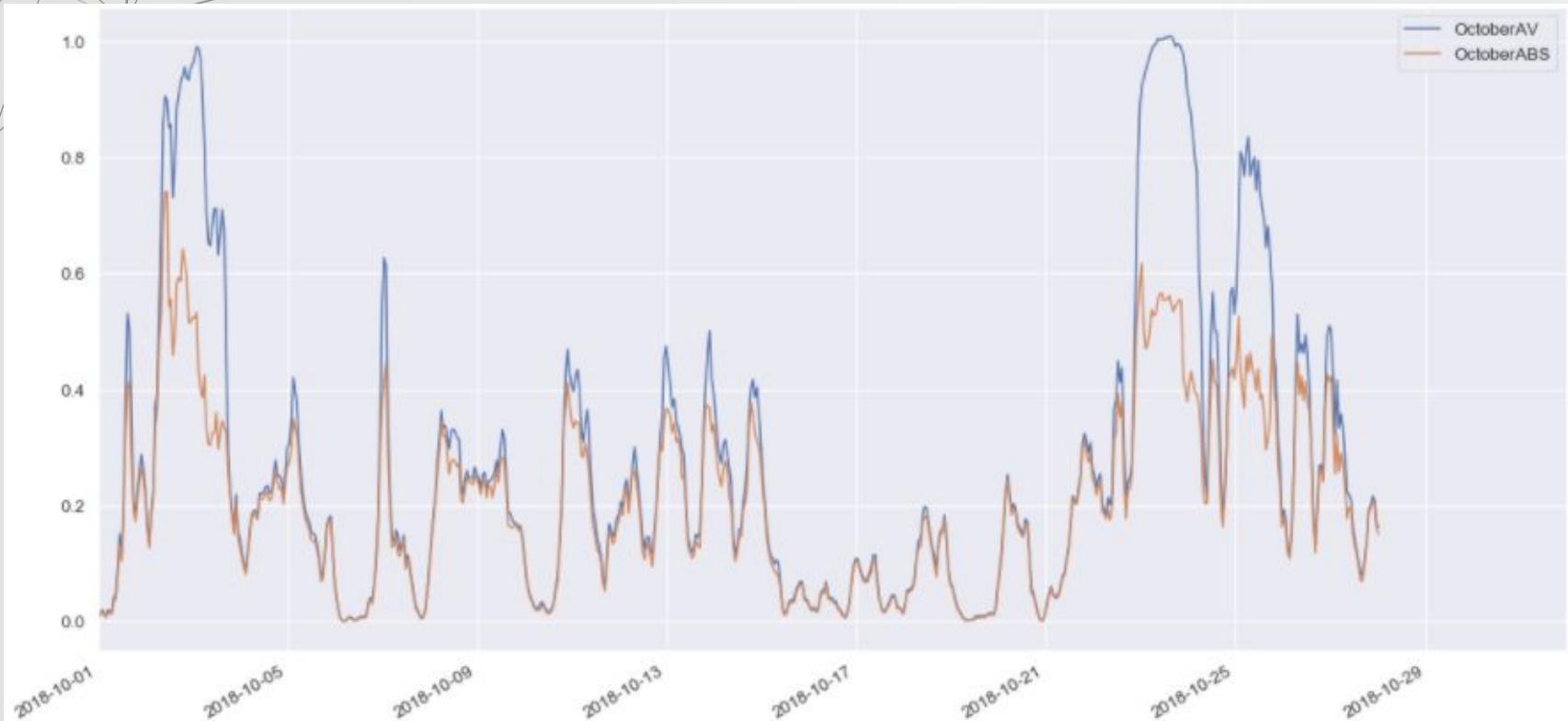


target_losses_norm
power_available_mw_observnorm
wsp_10m_ms
wsp_100m_ms
wsp_pl925_ms
gust_sfc_ms
power_mw_observnorm
hpbl_sfc_m
tcclow_sfc_perc
r_pl925_perc
March

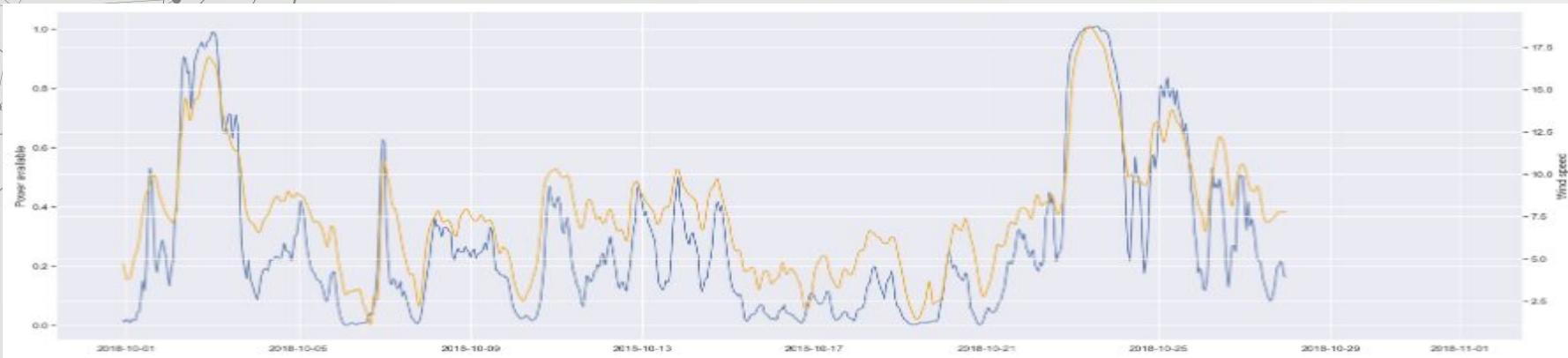
Power used vs power available - mean over month



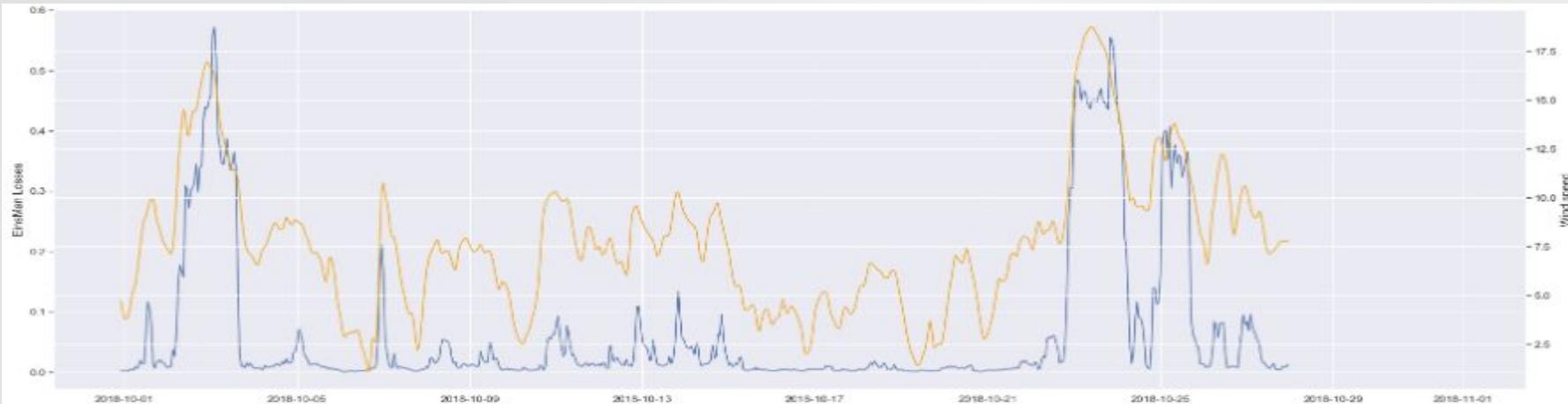
Power available vs. power used for October - mean over hours



Wind speed 100 m vs. power available in October - mean over hours



Wind speed 100 m vs. target loss in October - mean over hours



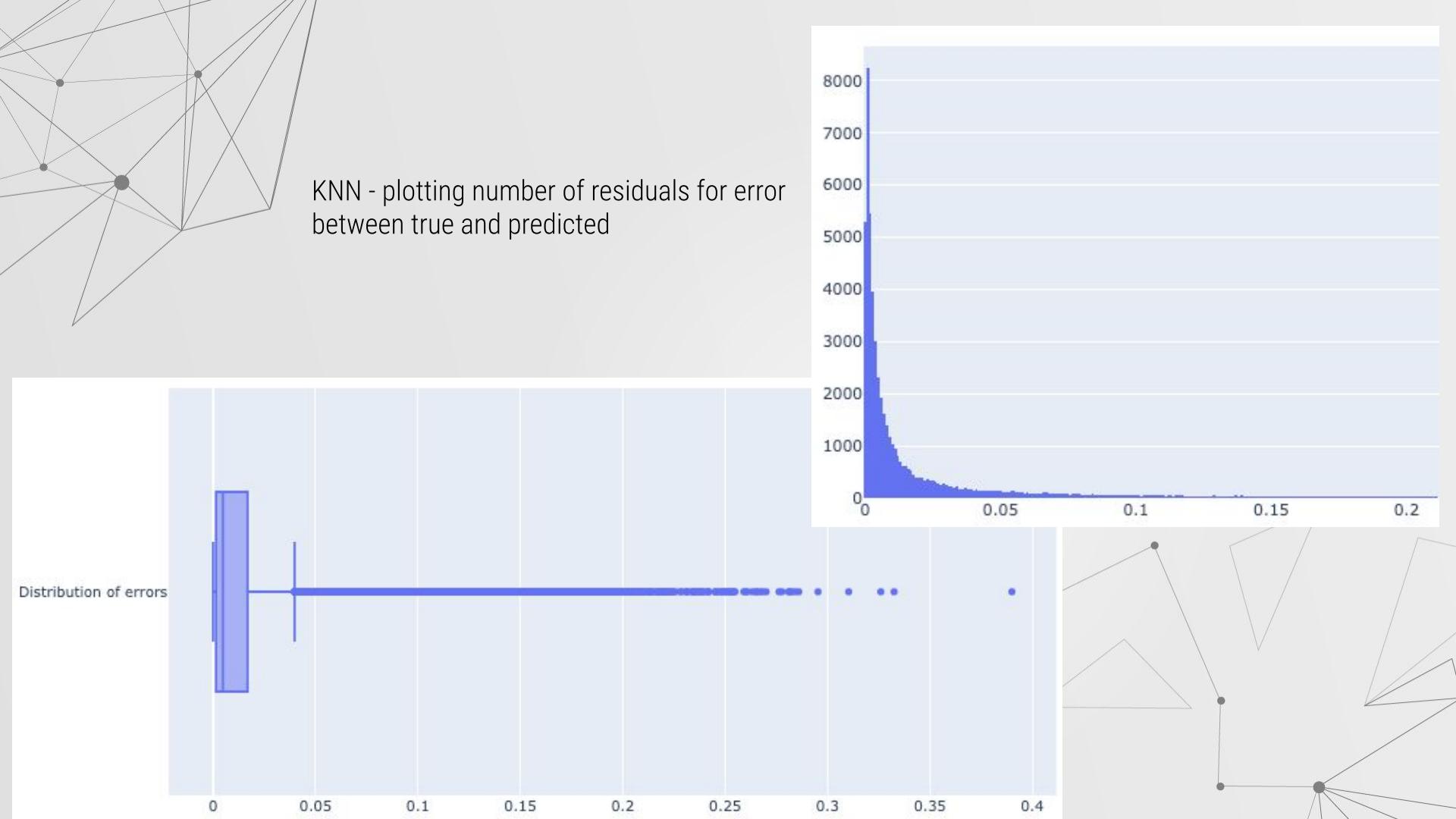


02

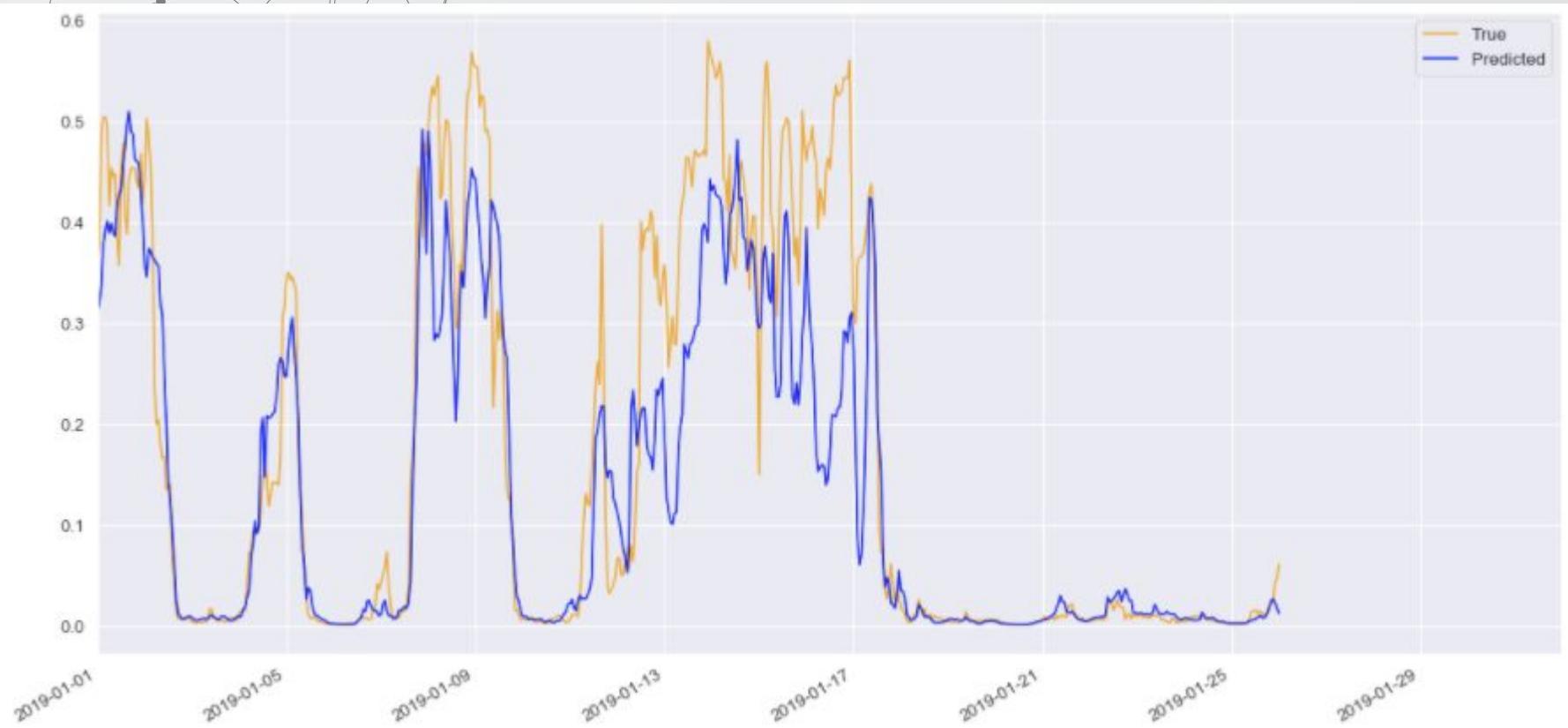
IN DEPTH

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KNN - plotting number of residuals for error between true and predicted



Y true vs y predicted for Random Forest Regressor
Training was done with timeframe 2018

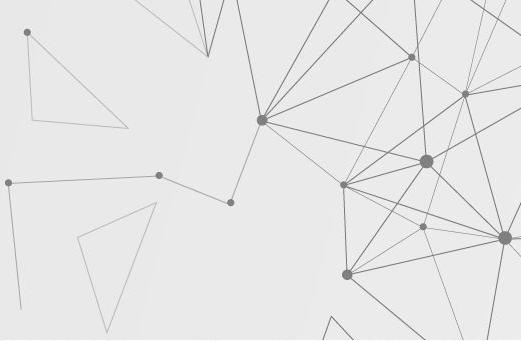




03

IN BRIEF

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Forecast for latitude 52.790042 and longitude 8.649624



Forecast for latitude 52.790042 and longitude 8.649624

