Syncrude 2015 Study

Will Rudebusch

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What my Python script does:

1. Reads in data from flat .txt files

2. Fixes time stamp to datetime.strptime standard

3. Names columns in Pandas DataFrames

4. Combined spilt data into the same data

5. Interpolates rows (continuous 1Hz data)

6. Max cross correlation function to find lag

7. Lags time series

8. Calculates correlation matrix

9. Outputs .csv files at crucial steps