PAPER MALAYSIA: doi: 10.1109/ACCESS.2021.3060290

Previsioni: one step

Dataset: malaysia\_data.csv

Formato date: ”%m/%d/%y %H:%M”

ARIMA, SARIMA:

Training Set: '01/01/09 01:00', '12/31/09 23:00'

Test Set: '01/01/10 01:00', '03/01/10 00:00'

LSTM, XGB:

Training Set: '01/01/09 01:00', '12/29/09 23:00'

Validation Set: '12/29/09 23:00', '12/31/09 23:00'

Test Set: '01/01/10 01:00', '03/01/10 00:00'

METRICHE MODELLI FRAMEWORK (3 MESI )

|  |  |  |  |
| --- | --- | --- | --- |
| Metrica /  Modello | RMSE | MAPE | MAE |
| ARIMA | 0.0599 | 0.1136 | 0.0419 |
| SARIMA | 0.0585 | 0.1173 | 0.0387 |
| LSTM | 0.0411 | 0.0852 | 0.0272 |
| XGB | 0.133 | 0.3145 | 0.092 |
| NAIVE | 0.0804 | 0.1570 | 0.054 |

METRICHE MODELLI PAPER (1 ANNO)

Immagine che contiene testo, Carattere, schermata, numero

Descrizione generata automaticamente

PAPER AEP: https://doi.org/10.48550/arXiv.2011.12598

Previsioni: one step

Dataset: AEP\_hourly.csv

Formato date: ” %Y/%m/%d %H:%M:%S”

ARIMA, SARIMA:

Training Set: '2017-01-01 00:00:00', '2017-09-11 00:00:00'

Test Set: '2017-09-13 00:00:00', '2018-01-01 00:00:00'

LSTM, XGB:

Training Set: '2017-01-01 00:00:00', '2017-09-11 00:00:00'

Validation Set: '2017-09-11 00:00:00', '2017-09-13 00:00:00'

Test Set: '2017-09-13 00:00:00', '2018-01-01 00:00:00'

METRICHE MODELLI FRAMEWORK

|  |  |  |  |
| --- | --- | --- | --- |
| Metrica /  Modello | RMSE | MAPE | MAE |
| ARIMA | 0.0227 | 0.050 | 0.0171 |
| SARIMA | 0.0136 | 0.0341 | 0.0101 |
| LSTM | 0.0289 | 0.0604 | 0.0214 |
| XGB | 0.1695 | 0.3397 | 0.1251 |
| NAIVE | 0.0406 | 0.0970 | 0.0311 |

METRICHE MODELLI PAPER (STESSO TEST SET DEI MODELLI FRAMEWORK)

Immagine che contiene testo, schermata, Carattere, numero

Descrizione generata automaticamente

Immagine che contiene testo, Carattere, schermata, numero

Descrizione generata automaticamente