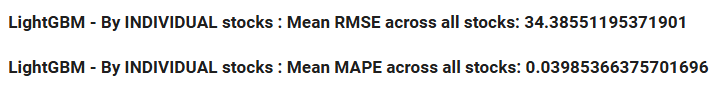
# Baseline ARIMA individual

Individual ARIMA prediction -- Mean RMSE: 191.46919642712257

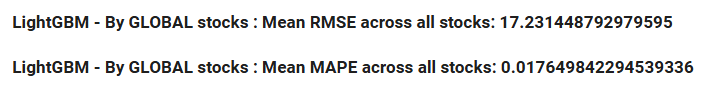
Individual ARIMA prediction -- Mean MAPE: 0.24285821353214496

# LightGBM

## 1 By individual

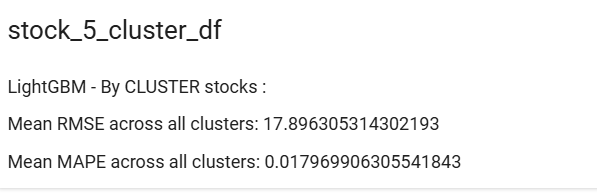


## 2 By global

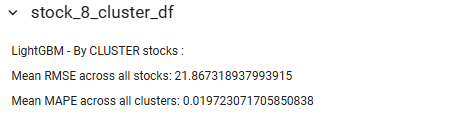


## 3 By cluster

* **Stock\_5\_cluster\_df (best performance among all clustering methods, but still worse than global)**



* stock\_8\_cluster\_df



* fft\_direct\_kmeans\_8



* fft\_direct\_kmeans\_5



* fft\_set\_agglomerative\_8\_cluster



* fft\_set\_agglomerative\_5\_cluster

