

ABSTRACT

Price fluctuation, especially on basic necessities prices, is a main pillar of economy activities. Which in a sense, it would be very advantageous to every party involved if there is a method to predict the fluctuation of future prices. Therefore, a machine learning model will be designed using Long Short-Term Memory Networks (LSTM) method to predict basic necessity prices. In a hope that this method can be a reliable method, from accuracy wise to prediction time span wise, to predict future values of basic necessities.

Keywords: Prediction, Forecast, Commodity Prices, LSTM, Time Series