

Stock Price / Chart Pattern Recognition and Suggestion with Neural Network

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Abstract: Stock forecasting is a big issue in modern society. However, just a few people got access to the study at first due to a variety of factors, including the device's limitations. Because of the rapid advancement of science and technology, an increasing number of individuals are devoted to the study of prediction, and it is becoming easier and easier for us to make stock predictions using various methods, such as machine learning and deep learning. In this study, we will use CNN (Convolution Neural Network) to predict stock prices and incentives for the next day. We can utilize improved pre-processing techniques to remove noise from data such that it has no effect on subsequent processes like classification and prediction.

Keywords: CNN, Stock , Machine Learning, stock prediction

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