Clustering to Classify Histological Images

Limin Deng
College of Engineering & Computer Science
the Australian National University
Canberra ACT 2600 Australia
u6849956@anu.edu.au

Abstract

This paper reviews several strategies applied in the stock market and After comparing their performance, we proposed a novel method, called adversarial agents, which use the idea of GAN to get better prediction result.

Stock market can be regarded as the combination of makers' actions and retail investors' actions. The one party's intention is to win the other party's investment and increase self earnings as much as possible. In this paper, we innovatively propose adversarial agents

Long and Short Term Memory (LSTM) has achieved great success in predicting time-series data and Efficientnet in image classification. In this paper, we explored several types of LSTM and compared their performance in predicting Chinese Stock prices. We also explored the power of combination of LSTM and Efficientnet. It proves that the combination achieved very high accuracy. The code is available at https://github.com/sharkdeng/stock.

Keywords: LSTM, stock

1 Introduction

NeurIPS requires electronic submissions. The electronic submission site is

`https://cmt3.research.microsoft.com/NeurIPS2020/`

Please read the instructions below carefully and follow them faithfully.

2 Related Work

2.1 K-means++

Affinity Propagation Agglomerative Clustering BIRCH DBSCAN K-Means Mini-Batch K-Means Mean Shift OPTICS Spectral Clustering Mixture of Gaussians

34th Conference on Neural Information Processing Systems (NeurIPS 2020), Vancouver, Canada.