



Using The NewsInn Algorithm To Predict Stock Market Movements Two Days In Advance

By Radu Nicoara

GRIN Verlag Nov 2015, 2015. Taschenbuch. Book Condition: Neu. 210x148x1 mm. This item is printed on demand - Print on Demand Neuware - Research Paper from the year 2015 in the subject Business economics - Banking, Stock Exchanges, Insurance, Accounting, , language: English, abstract: NewsInn is an Artificial Intelligence Algorithm that parses the major news publications for news articles, groups them based on the main story, and presents them in order of importance. To do a sentiment analysis on each article, the algorithm used a derivative of SentiWord, but it quickly became clear that the library was not created to be used in a news Environment. So a new library was developed, that would better suit the case it was being used in. It manages to provide a good estimate of the impact that the text of an article has. Since the stock market is heavily affected by world problems, and therefore, world news, it is highly likely that a general sentiment analysis of the news would produce a result directly related to the general sentiment of the public on the world affairs. This would theoretically, in time, affect the stock market. The time-to market of world news we estimated...

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