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## Patent Search

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#### Abstract:

Machine Learning based approach to analyse the Influence of Statistical Models in the Prediction of Trade and Commerce Values is the proposed invention. The invention is based on implementing algorithms of machine learning to analyze the influence of statistical models. The proposed invention aims at prediction of trade and commerce values.

#### Complete Specification

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] A stock market, equity market, or share market is the aggregation of buyers and sellers of stocks which represent ownership claims on businesses; these include securities listed on a public stock exchange, as well as stock that is only traded privately, such as shares of private companies which are sold to investors through equity crowdfunding platforms. Investment is usually made with an investment strategy in mind.

[0003] A number of different types of stock and commerce values prediction systems that are known in the prior art. For example, the following patents are provided for their supportive teachings and are all incorporated by reference.

[0004] US20050267850A1:- A method for using machine learning to solve problems having either a "positive" result (the event occurred) or a "negative" result (the event did not occur), in which the probability of a positive result is very low and the consequences of the positive result are significant. Training data is obtained and a subset of that data is distilled for application to a machine learning system. The training data includes some records corresponding to the positive result, some nearest neighbors from the records corresponding to the negative result, and some other records corresponding to the negative result. The machine learning system uses a co-evolutionary approach to obtain a rule set for predicting results after a number of cycles. The machine system uses a fitness function derived for use with the type of problem, a fitness function based on the sensitivity and positive predictive value of the rules. The rules are validated using the entire set of training data.

[0005] WO2014075108A2:- Techniques for determining forecast information for a resource using learning algorithms are disclosed. The techniques can include an ensemble of machine learning algorithms. The techniques can also use latent states to generate training data. The techniques can identify actions for managing the resource.

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