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Ref. No. AU/Acad-IC/2021-22/966

Dated: 16/09/2021

NOTIFICATION

The Hon'ble Vice Chancellor is pleased to constitute "Incubation Centre". The following persons have been nominated in this committee.

S.No.	Name	Designation/ School	Committee Designation
1.	Dr. Ajay Sharma	Associate Professor, School of Education	Chairman
2.	Dr. Monika Sharma	Associate Professor, School of Veterinary	Member
3.	Dr. Vikrant	Associate Professor, School of Ayurveda	Member
4.	Dr. Neha Kaundal	Assistant Professor, School of Veterinary	Member
5.	Ms. Chinu Kumari	Assistant Professor, School of Pharmacy	Member

Copy to:

1. PA to Hon'ble Chancellor, Pro Chancellor and Vice Chancellor.
2. All the concerned.
3. Guard File.

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INCUBATION CENTER ABHILASHI UNIVERSITY

Patents published as research papers with the help of Incubation Center of Abhilashi University

automatic stock market and trading algorithmic improve using machine learning and deep learning programming

Turkish Online Journal of Qualitative Inquiry (TOJQI)
Volume 12, Issue 9, August 2021: 4400-4408

Automatic Stock Market and Trading Algorithmic Improve using Machine Learning and Deep Learning Programming

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ABSTRACT

Our Invention Automatic Stock Market and Trading Algorithmic Improve using Machine Learning and Deep Learning Programming is a Stock market prediction regards the forecasting of the price of any given stock within the desired real-time-frame and has been a heavily researched topic over past years due to the difficulty of predicting time-series that are considered to be random walks. Whilst some use traditional Technical Analysis processes and methods such as the calculation and consideration of trends, more recently the problem has attracted the attention of Machine Learning, Deep Learning, and Artificial Intelligence approach. This Invention explores and compares the current Machine Learning, Deep learning approaches involved in predicting the direction and prices of selected stocks for a given real-time range, considering short, medium, and long-term investments. Using these models alongside Natural Language Processing of financial news to predict sudden, extreme fluctuations and Portfolio Optimisation to balance risk and expected return before trading, and the automated trading agent is designed, implemented, and evaluated against the index performance that the stocks are traded upon.

Keywords: Automatic, Stock, Market, Trading, Algorithmic, Machine Learning, Deep Learning, Prediction, time-series.

BACKGROUND

Electronic mercantilism of economic instruments like stocks, bonds, futures, etc., has become commonplace. The recognition of electronic mercantilism has LED some exchanges throughout the planet to fully eliminate a lot of ancient styles of mercantilism, like open outcry. To with success trade monetary instruments in today's electronic surroundings, traders should develop mercantilism methods geared toward characteristic favorable mercantilism opportunities and act quickly once market conditions square measure deemed favorable per the strategy utilized.

A typical mercantilism strategy could involve analysis of historical market knowledge to spot favorable mercantilism opportunities. for instance, analysis of historical knowledge could show that once the market costs for 2 monetary instruments dissent by a precise quantity or by a precise quantitative relation, a shopping for chance exists for the instrument with the lower value.

In effect, the dealer is predicting, supported historical events, the longer term worth of the monetary instrument. Once the dealer acknowledges this shopping for chance, the dealer submits a purchase

automatic agricultural skilling

Turkish Online Journal of Qualitative Inquiry (TOJQI)
Volume 12, Issue 9, August 2021: 4409-4421

Automatic Agricultural Skilling

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ABSTRACT

Our invention Automatic Agricultural Skilling is an automated management of irrigating or spraying or sprinkling devices includes electrical sensors that area unit severally conscious of temperature, close lighting and actual wet content of the soil. The output of those sensors is compared to predetermined reference standards and also the ensuing signals accustomed management the applying of water to the soil or plants or trees. The invention provides an extremely machine-controlled agricultural production system that includes, as essential components sensing scheme comprising direct and indirect sensing means that in an agricultural production space. The direct sensing means that area unit usually ground or plant mounted. The indirect sensing means that area unit remote from the world being detected. The direct and indirect sensing means that area unit custom-made to put together generate information on all necessary parameters within the uniform agricultural production area.

Keywords: Automatic, Agricultural, Irrigating or Spraying, Sprinkling, Accustomed, Accustomed, Detected.

BACKGROUND OF THE INVENTION

All strictly mechanical approaches to issues in agriculture like vinery or plantation pruning and harvest home, ground crop harvest home or weeding suffer from the lack of mechanical strategies to simply adapt to variant conditions while not human operator intervention. Vineyards square measure able to harvest by mechanical strategies, and lots of do. However, mechanical strategies aren't sensible for harvest home of grapes in intact clusters. To date, pruning, harvest home of intact clusters, suckering and fastening of vineyards is practiced manually nearly while not exception. this is often extraordinarily pricey for vineyards since it's terribly labor intensive.

The effortful nature of this sort of farming conjointly puts the farmers in danger from union activity. Similar issues pertain to fruit orchards, that share the same business model. In alternative things, as an example in organic farming, weeds should be removed while not use of herbicides. This again, leads to the farmer creating use of an oversized quantity of costly labor. Organic farming conjointly suffers issues from insect pests that may, in some cases be controlled throughout important elements of their life cycle by removal of leaves, and affected material.

These varieties of tasks will ne'er be accomplished by strictly mechanical means that as a result of strictly mechanical strategies aren't able to showing intelligence reply to their atmosphere on a