

Forex Trend Classification Using Machine Learning Techniques

Machine learning

including white-box access. Classification of machine learning models can be validated by accuracy estimation techniques like the holdout method, which

Machine learning (ML) is a field of study in artificial intelligence concerned with the development and study of statistical algorithms that can learn from data and generalise to unseen data, and thus perform tasks without explicit instructions. Within a subdiscipline in machine learning, advances in the field of deep learning have allowed neural networks, a class of statistical algorithms, to surpass many previous machine learning approaches in performance.

ML finds application in many fields, including natural language processing, computer vision, speech recognition, email filtering, agriculture, and medicine. The application of ML to business problems is known as predictive analytics.

Statistics and mathematical optimisation (mathematical programming) methods comprise the foundations of...

Stock market prediction

research papers have been published with implementations of machine learning techniques to predict stock markets including, but not limited to, artificial

Stock market prediction is the act of trying to determine the future value of a company stock or other financial instrument traded on an exchange. The successful prediction of a stock's future price could yield significant profit. The efficient market hypothesis suggests that stock prices reflect all currently available information and any price changes that are not based on newly revealed information thus are inherently unpredictable. Others disagree and those with this viewpoint possess myriad methods and technologies which purportedly allow them to gain future price information.

Land cover maps

classification accuracies. Several machine learning algorithms have been developed for supervised classification. Maximum likelihood classification (MLC)

Land cover maps are tools that provide vital information about the Earth's land use and cover patterns. They aid policy development, urban planning, and forest and agricultural monitoring.

The systematic mapping of land cover patterns, including change detection, often follows two main approaches:

Field survey

Remote sensing satellite image processing. This cost-efficient approach employs several techniques for image pre-processing and processing to accurately map land cover patterns. These techniques detect changes at various spatial scales following a series of machine learning simulations and statistical applications.

Image pre-processing is normally done through radiometric corrections, while image processing involves the application of either unsupervised or supervised classifications...

Simulation

management simulations or models and forex simulations. Such simulations are typically based on stochastic asset models. Using these simulations in a training

A simulation is an imitative representation of a process or system that could exist in the real world. In this broad sense, simulation can often be used interchangeably with model. Sometimes a clear distinction between the two terms is made, in which simulations require the use of models; the model represents the key characteristics or behaviors of the selected system or process, whereas the simulation represents the evolution of the model over time. Another way to distinguish between the terms is to define simulation as experimentation with the help of a model. This definition includes time-independent simulations. Often, computers are used to execute the simulation.

Simulation is used in many contexts, such as simulation of technology for performance tuning or optimizing, safety engineering...

Culture of India

Retrieved 9 April 2022. Adams, C. J., Classification of religions: Geographical

Archived 14 December 2007 at the Wayback Machine, Encyclopædia Britannica, 2007

Indian culture is the heritage of social norms and technologies that originated in or are associated with the ethno-linguistically diverse nation of India, pertaining to the Indian subcontinent until 1947 and the Republic of India post-1947. The term also applies beyond India to countries and cultures whose histories are strongly connected to India by immigration, colonization, or influence, particularly in South Asia and Southeast Asia. India's languages, religions, dance, music, architecture, food, and customs differ from place to place within the country.

Indian culture, often labelled as a combination of several cultures, has been influenced by a history that is several millennia old, beginning with the Indus Valley Civilization and other early cultural areas. India has one of the oldest...

Folklore of India

with the modern theories and methods of folklore research and set a new trend of folklore study in India. Especially, South Indian universities advocated

The folklore of India encompasses the folklore of the Republic of India and the Indian subcontinent. India is an ethnically and religiously diverse country. Given this diversity, it is difficult to generalize the vast folklore of India as a unit.

Although India is a Hindu-majority country, with more than three-fourths of the population identifying themselves as Hindus, there is no single, unified, and all-pervading concept of identity present in it. Various heterogeneous traditions, numerous regional cultures and different religions to grow and flourish here. Folk religion in Hinduism may explain the rationale behind local religious practices, and contain local myths that explain the customs or rituals. However, folklore goes beyond religious or supernatural beliefs and practices, and encompasses...

Glossary of economics

November 30, 2014. Retrieved 2014-12-02. "The forex quick guide for beginners and private traders". Forex. 2008. Archived from the original on November

This glossary of economics is a list of definitions containing terms and concepts used in economics, its sub-disciplines, and related fields.

Cryptocurrency

2015. "Warnings and blacklists of unauthorized companies and websites: Forex, binary options, miscellaneous goods, crypto-assets derivatives, usurpations"

A cryptocurrency (colloquially crypto) is a digital currency designed to work through a computer network that is not reliant on any central authority, such as a government or bank, to uphold or maintain it. However, a type of cryptocurrency called a stablecoin may rely upon government action or legislation to require that a stable value be upheld and maintained.

Individual coin ownership records are stored in a digital ledger or blockchain, which is a computerized database that uses a consensus mechanism to secure transaction records, control the creation of additional coins, and verify the transfer of coin ownership. The two most common consensus mechanisms are proof of work and proof of stake. Despite the name, which has come to describe many of the fungible blockchain tokens that have been...

Water supply and sanitation in India

scholars now believe that agricultural communities should revive ancient techniques to allow for rainwater harvesting to source the water needs of the community

In 2018, 98.7% of Indians had access to the basic water and sanitation facilities. India faces challenges ranging from sourcing water for its megacities to its distribution network which is intermittent in rural areas with continuous distribution networks just beginning to emerge. Non-revenue water is a challenge.

The share of Indians with access to improved sources of water increased significantly from 72% in 1990 to 88% in 2008 and currently stands at 98.7% in 2018. In 1980, rural sanitation coverage was estimated at 1%. By 2018, it reached over 98%. However, many people still lack access to water and sewage infrastructure.

Dangal (2016 film)

March 2019. Retrieved 8 November 2018. "Historical Exchange Rates Tool & Forex History Data (1069 KRW per USD)". OFX. 30 April 2018. Archived from the

Dangal is a 2016 Indian Hindi-language biographical sports drama film directed by Nitesh Tiwari and produced by Aamir Khan and Kiran Rao under

Aamir Khan Productions with Siddharth Roy Kapur under The Walt Disney Company India. The film stars Khan as Mahavir Singh Phogat, a pehlwani amateur wrestler who trains his daughters Geeta Phogat and Babita Kumari to become India's first world-class female wrestlers. Fatima Sana Shaikh and Sanya Malhotra portray the adult versions of the two Phogat sisters, Zaira Wasim and Suhani Bhatnagar their younger versions, Sakshi Tanwar their mother, and Aparshakti Khurana adult version of their cousin, Ritvik Sahore his younger version, all of them except Shaikh, Tanwar and Sahore in their film debuts.

Development on the film began in early 2013 when Tiwari began...

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