Data Mining Algorithms for Analytical Study of Thyroid Disease

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ABSTRACT

"The World Health Organization (WHO) has found Iodine deficiency is the primary cause of Thyroid Disorder. Iodine deficiency also responsible for physical and mental retardation , cretinism, endemic goiter, hypothyroidism, and poor outcomes in pregnancy. One survey is conducted by Indian Thyroid Society(ITS) that stated that one in ten adults in India suffered from hypothyroidism, hyperthyroidism or thyroid cancer. If this disease is found in beginning stage, then doctors can give proper treatment to the patients. This research verifies parameters like gender and the age group that are most likely to be affected by thyroid disease. The current study involves analysis of thyroid disease symptoms as well as to analyze heredity of thyroid. The researchers used classification, k means clustering algorithm and apriori association algorithm using weka data mining tool.

Keywords— data mining, k means clustering algorithm, apriori association algorithm, thyroid disease

A review of literatures on application of theory of reasoned action in predicting female buying behaviour for cosmetic products

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The chief purpose of this article is to study various literatures that will help the authors to justify the application of the theory of reasoned action in predicting female buying of cosmetic products. In order to cope with the research purpose, Fisbein and Ajzen's theory of reasoned action model was used as a theoretical framework and modified by adding the self-image construct. Therefore, to fulfill the purpose, the author had studied various journals, periodicals, articles and doctoral dissertations. The various previous studies had confirmed that beliefs in product attributes, self-image, normative influences and attitude have impacts on purchase intention and purchase behaviour in buying cosmetic products and thus, the modified theory of reasoned action is considered as appropriate to further study the female buying behaviour for cosmetic products.

Keywords— Theory of reasoned action, female buying behaviour

International Trade War--- The future of Dollar Hegemony and the WTO

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ABSTRACT

The current trade war started by the US by imposing tariffs on the imports coming from China and other countries with an objective of reducing or wiping out the trade deficit of US and to revive the shutdown factories in the US has large reaching ramifications. It is almost 2 years into the war and the resultant effects are becoming visible in the form of global slow down. As the imports into US will come down, dollar may depreciate and the value of FOREX reserves held by countries will come down. Resultantly, the demand of USD may come down whereby the pivotal position held by dollar as vehicle currency will get diluted. Similarly, with the violation of the market and rule-based trading among nations, the WTO may lose its relevance in the present form. The dispute settlement mechanism of the WTO needs to be revamped

Keywords— WTO, Trade

Coupling Machine Learning Techniques in Routine life Applications

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ABSTRACT

Man-made Artificial Intelligence and Automated Learning(ML)is leveraging the greatest revolution after the microchip. Simulated intelligence has been a whimsical idea from sci-fi, however now it's turning into a day by day reality. Neural systems (copying the methodology of the neurons in the cerebrum) are making major changes in AI, called "deep learning." Hence, Deep learning can help us with breathing more pleased, more advantageous, and progressively beneficial living. Some say AI is introducing another "modern revolution." Compared to the past Industrial Revolution which was purely mechanical and physical oriented, this new unrest will saddle mental and subjective capacity. In this exploration paper we will talk about different areas where power of Machine learning can be tackled in everyday life other than Science and Technology.

Keywords— Machine Learning, Artificial Intelligence, Deep learning