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Authors: Gurpreet Singh, Sonia Jassi
Paper Title: A Review Paper: A Comparative Analysis on Association Rule Mining Algorithms

Abstract: Data mining is a process which finds useful patterns from large amount of data. The development of Information Technology has generated large amount of databases and huge data in various areas. The research in databases and information technology has given rise to an approach to store and manipulate this precious data for further decision making. Data mining is a process of extraction of useful information and patterns from huge data. It is also called as knowledge discovery process, knowledge mining from data, knowledge extraction or data/pattern analysis. [1] Various algorithms and techniques like Classification, Clustering, Regression, Artificial Intelligence, Neural Networks, Association Rules, Decision Trees, Genetic Algorithm, Nearest Neighbor method etc., are used for knowledge discovery from databases. But here we are going to discuss Association rules mining.

Keywords: Data, Classification, Clustering, Regression, Artificial Intelligence, Neural Networks, Association Rules, Decision Trees, Genetic Algorithm, Artificial Neural Networks, Association Rules, Decision Trees, Genetic Algorithm.

References:
4. S.P.Latha“Algorithm for Efficient Data Mining”, IEEEInternational Conference on Computational Intelligence and Multimedia Applications, 7695-3050-8/07, 2007

Authors: Vandana Bali, Vandhana Thevar, Samit Shivadekar
Paper Title: Automatic Answer Checking Software

Abstract: An automatic answer checker application that checks and marks written answers similar to a human being. This software application is built to check subjective answers in an online/offline examination and allocate marks to the user after verifying the answer. The admin may insert questions and respective subjective answers in the system. These answers are stored as notepad files. When a user takes the test he is provided with questions and area to type his answers. Once the user enters his/her answers the system then compares this answer to original answer written in database and allocates marks accordingly. Both the answers need not be exactly same word to word. The system consists of in built artificial intelligence sensors that verify answers and allocate marks accordingly as good as a human being.

Keywords: Semantic Analysis, Subjective answer checking

References:
6. Introduction to Semantic Analysis

Authors: Sathish Kumar V, R. Rathish, N. Balakrishnan, Arun Deva S, Devaraj S., Gokulraj E, Govindarasu C
Paper Title: Design and Fabrication of Hydraulic Escalator

Abstract: AN escalator is a mechanics moving stair way common in place with a lot of foot traffic or where a convention al staircase would be a very long and tiring to climb. it can be seen malls shopping complex parkin escaler are often installed in pair with an up escalator and down escalator adjacent to each other while single escalator may be changed to go up and down according to the direction of heavier traffic at different time and day. escalator is similar that of conveyor but can be move inclined to move from one end of an escalator also include a handrail that moves in conjunction with the stairs. These gears have chain that loop 'around the gear and run down each side of the escalator. The handrail that rider use for balance and safety on their ride up or down escalator are powered by the same system that power the faster the shaft revolves the metal ball swung out by centrifugal force a should the lift speed exceed a predetermined figure the governor actuates a brake.
Keywords: AN escalator, mechanics moving, common, escalator, handrail, centrifugal

References:

Authors: C. Thiruvasagam, R. Rathish, N. Balakrishnan, K. Karuthapandi, R. Kaviyathevan, S. Kalishwaran, P. Ashok

Paper Title: Design and Fabrication of Water Jet Machining

Abstract: The engineering and manufacturing departments are constantly on the look of edge. The water jet machining process provides many unique capabilities and advantages that can prove very effective cost. Learning more about water jet technologies will give us an opportunity to put these cost cutting capabilities to work. The water jet washes away the materials that "ERODES" from the surface of the work piece. The crack caused by the water jet impact is exposed to water jet. The extreme pressure and impact of particles in the following stream cause the small crack to propagate until the material cut. Water Jet Machining (WJM) is the process of material removal from a work piece by the application of a high speed stream of abrasive particles carried in a gas medium from a nozzle. The material removal process is mainly by erosion. The WJM will chiefly be used to cut shapes in hard and brittle materials like glass, ceramics etc. Care has been taken to use less fabricated components rather than directly procuring them, because, the lack of accuracy in fabricated components would lead to a diminished performance of the machine.

Keywords: WJM – Water Jet Machining

References:

Authors: Abhishek Yadav, Rajeswari C

Paper Title: Data Mining Approach To Find the Interest of People in Purchasing Real Estate

Abstract: Data mining is extraction of information and consolidates it to helpful data which can be utilized for future calculation and prediction of an event. Subsequently by utilizing data mining methods we are anticipating the interest of individuals in different types of real estate and we are also defining certain pattern can be helpful in purchasing them. In this research we are going to gather individual’s enthusiasm for the kind of properties, and other different kinds of information and transform them into data chains utilizing certain data-mining algorithms by means of which we can predict people’s interest about what type of property they are likely going to buy and at what locations they are most likely to buy property. The data has been collected from websites such as OLX.com. In this research two data mining techniques that have been used to classify the data on the basis of certain attributes are Classification (zero classifier) and clustering (simple k means) and on the basis of results several graphs and bar charts are drawn.

Problem Statement: Understanding the problems of client in real estate field about what properties to buy, what locations to select and how to utilize those Properties and defining different approaches to resolve it using certain data mining concepts and algorithms.

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3. Xian Guang LI Qi Ming LI The Application of Data Mining Technology in real estate market prediction.
4. Iteclal Sabri Hashim Bahia, Ministry of Higher Education and Scientific Research, Baghdad, Iraq A Data Mining Model by Using ANN for Predicting Real Estate Market: Comparative Study.

Authors: Iti Naidu, Deepak Xaxa

Paper Title: Survey on Video Steganography Algorithms
Abstract: Internet is becoming more and more risky for handling the data against the intruders. Internet carry the text/audio/image data in digital form which can be easily tempered or stolen in the internet due to open access to the internet. Therefore it is essential to transfer the data in the internet secretly. Steganography is one of the such tool which can be used for this vary purpose and can be used to exchange and share the secret data. Such secret data may be in the form of text, audio, video or even an image. Using steganography we can hide the secret information in the image, audio file or even in the video file. Hiding the secret data in a video file is known as the video steganography. This paper present a very useful and extensive survey of video steganography their advantages/disadvantages.

Keywords: Steganography, Cryptography, payload, Cover image, Spatial domain, frequency domain.

References:

Authors: Patience Nafula Wanjala, Gwaya Abednego, Diang’a Stephen

Paper Title: Integration of Management Information Systems for Effective Construction Projects Monitoring and Control in Kenya

Abstract: Although monitoring and control of construction projects is carried out in Kenya, outcomes show that the process is not effective, [1]. The research adopts the contingency theory which argues that there’s no one best way for leadership or organization and that the design of the organization and its subsystems must fit with the environment, [2]. It therefore looks at the present environment which is an ICT oriented one and tries to use it to bridge the gap between monitoring and control of a construction project and its effectiveness by incorporating MIS. Literature was briefly reviewed on the project based nature of the construction industry, why Monitoring and Control was necessary, the challenges it faced that led to it being ineffective and how MIS could help improve its effectiveness. A survey research design was adopted with the use of questionnaires. A sample size of 70 project managers registered with ICPMK was used with the questionnaires. Out of the 70, 57 were responsive. The analysis in this article dwells more on assessing the significance of monitoring and control of construction projects in Kenya,
objective one. Analysis showed that Monitoring and Control was very significant to Kenyan construction projects and was not dependant on the level of experience neither the value of project nor the construction sector handled. It was therefore recommended that Monitoring and Control be performed for all construction projects in Kenya.

Keywords: Control, Effective, Integration, MIS, Monitoring.

References:

such as packet delivery ratio, average end to end delay, jitter and throughput. In this our finding show that the Influence of Mobility Models on the Performance of Routing Protocols in Wireless Mobile Ad-hoc Networks using NS-2 simulator.

**Keywords:** MANET, routing protocols, mobility model, NS-2.

**References:**
tific Research and Essays” Vol. 6(6), pp. 1256-1274, 18 March, 2011.