EC **ICAEEE 2022 (author)**

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ICAEEE 2022 Submission 220

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Submission 220	
Title	Machine Learning techniques for Data Acquisition Using Distributed Clustering
Paper:	📄 (Jan 16, 19:10 GMT)
Author keywords	Acquisition Distributed Clustering Petabytes Unstructured Retrieval
Topics	Artificial Intelligence and Machine Learning
Abstract	Individuals from all walks of life have been pushing the development of paperless information technology as a reaction to the state's desire to reduce resource consumption and environmental degradation. In order to discover the information that a user is looking for in a database using an information retrieval strategy, it is necessary to filter through the petabytes of information data that are being created at the rate of billion bits per second in order to apply an information retrieval strategy. This study, which makes use of distributed network architecture and machine learning on unstructured data, represents a search node structure that is both efficient and effective. Furthermore, through the application of the classification learning model, unstructured data content will be learned by offspring nodes that have automatic functionality for identifying the semantics of the article. Using a feedback learning technique, another invert index has been constructed on the basis of the original index. This is the last step. The outcome of this technique reveals that the efficacy and accuracy of data retrieval have been greatly enhanced, as well as providing incentive for future examination of large amounts of information.
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