

**MEASURING THE SIMILARITY ON THE DATA IN MULTI VIEW
POINT CLUSTERING OPTIMIZATION SCHEMA****Vazra Kyathi¹, B Rakesh²****¹M.Tech Student, Dept of CSE, Aurora's Technological and Research Institute,
Parvathapur, Uppal, Hyderabad, A.P, India****²Associate Professor, Dept of CSE, Aurora's Technological and Research Institute,
Parvathapur, Uppal, Hyderabad, A.P, India****ABSTRACT:**

Clustering is one of the advanced techniques and which is the extension of the segmentation followed by the morphological operation and it is similar to that of the techniques related to the features extraction strategy is a major concept respectively. There is a lot analysis takes place on the phenomena of the clustering and some of them include K means clustering, C means clustering and the so on. Here each and every technique is related to one another but the major difference is a lot of slight some more advancement in the system based aspect in a well acquainted fashion respectively. Here there is a huge challenge for the present method in which there is a vital analysis requirement takes place in the system with respect to the accurate classification of the data in the form of the text which is stored in the oriented aspect of the documents respectively. Here the technique related to the clustering plays a crucial role in its implementation aspect for the purpose of the feature extraction respectively. In this paper a new technique is designee with integration of the clustering followed by the multi view point score based on the aspect of the similarity is a major concern respectively. As in the several previous methods the design is oriented with respect to the only single view point based where as the present technique the analysis includes the strategy of the analysis related with respect to the viewpoints of the multiple strategy plays a major role respectively in terms of the implementation and also the accuracy. Here by the help of the more number of the viewpoints

analysis takes place in the system a large amount of the classification of the data followed by the extraction of the features takes place in a well oriented aspect respectively. Experiments have been conducted on the present method and a lot of analysis takes place on the system with respect to the with respect to the large number of the datasets in a well oriented fashion further with respect to the unknown environments and there is an accurate analysis with respect to the improvement in the performance followed by the outcome in a well oriented fashion respectively.

Keywords: Data authentication, Data classification, Feature extraction, Documents in the form of the text, Data classification, Clustering, Similarity fusion score and Mining of the text followed by the multi view point respectively.

1. INTRODUCTION:

There is a lot of advancement takes place in the system apart from the process oriented with the analysis point of view in a well stipulated fashion respectively [2]. Here clustering is one of the well efficient technique used for the purpose of the accurate features extraction phenomena followed by the well accurate judgment in between the two different datasets in a well oriented fashion respectively [1][3]. Clustering plays a crucial role in the classification of the data in a well oriented fashion in terms of the analysis and also the minute difference oriented differentiation is a major role and the responsibility in its implementation is a major concern

respectively [5][6]. Here this particular phenomena is mainly used in the critical scenario for the well accurate judging purpose that is for the well accurate analysis is a major concern [4]. As before this particular algorithm is mainly used to the implemented in the scenario of the biomedical aspect followed biometrics is a major challenge and it is also implemented for the accurate outcome in the incomplete datasets in a well effective fashion respectively [7][8]. It is somewhat related to the array of the well oriented structural representation of the system in which well equipped with scenario of the data classification. And now this technique is try to implanting in the scenario of the mining

of the data that is to the aspect oriented with respect to the analysis of the strategy oriented with the classification of the text related to the documents oriented aspect in a well stipulated fashion respectively [10]. There are a lot of technique related to the clustering followed by the data classification related algorithms and also the single view point based origination and still some more and so on [9]. And there is a lot of advancement takes place in the system with respect to the well equipped scenario of the similarity score of the fusion based on the multi viewpoint clustering is a major concern in its aspect respectively.

BLOCK DIAGRAM

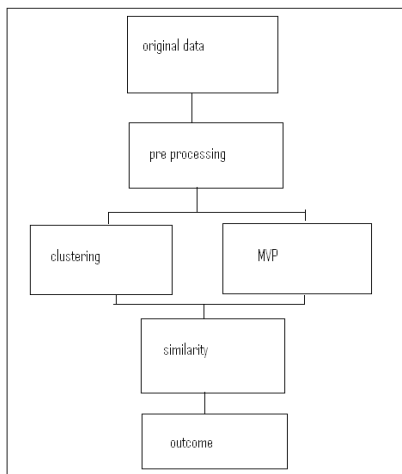


Fig 1: Shows the block diagram of the present method respectively

2. METHODOLOGY

In this paper a method is designed with a well effective framework based strategy in which there should be an improved performance followed by the accurate analysis with respect to the entire system based outcome oriented phenomena. Here the implementation of the present method is shown in the below figure in the form of the block diagram and is explained in an elaborative fashion respectively. Here the present method completely overcomes the drawbacks of the several previous methods in a well effective fashion and also the improvement in the performance of the entire system based scenario respectively. Here the present method is implemented in order to control the degraded performance of the previous methods followed by the improvement in the outcome of the entire system based aspect in a well efficient manner respectively.

3. EXPECTED RESULTS

A lot of analysis is made between the present methods to that of the several previous methods and also the number of the huge simulations has been applied on the large number of the data set in a well oriented fashion respectively. A comparative

analysis is made between the present method to that of the several previous methods as shown in the below figure in the form of the graphical representation respectively. There is a huge challenge for the present method in which it is supposed to analyze the problems of the several methods in a well respective fashion followed by the accurate outcome in a well oriented strategy respectively.

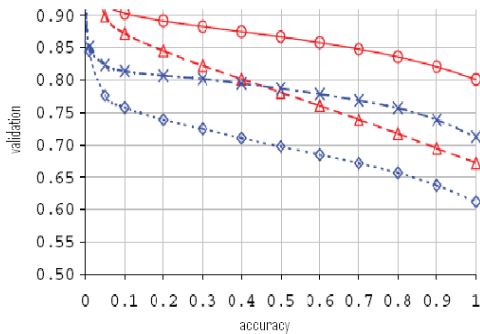


Fig 2: Shows the graphical representation of the present method respectively

4. CONCLUSION

Here a new technique is proposed based on the phenomena of the well effective manner with respect to the accurate analysis of the system with respect to the improvement in the performance followed by the outcome of the entire system in a well oriented fashion respectively. In this paper a new method is proposed based on the well

effective phenomena oriented with the scenario of the measuring similarity based multi viewpoint plays a crucial role which in short form termed as the MVS system respectively. There is a lot of examples followed by the empirical aspect in addition to this analysis in a theoretical scenario which plays a major role and is useful for the study of the documents in the form of the text oriented strategy with respect to the similarity score in a well stipulated fashion respectively. Here the design oriented system takes place with respect to the integration aspect of the clustering oriented approach in a well respective fashion where there is a combination of the mutual analysis of the Ir and the Iv respectively. There is a lot of research oriented analysis takes place in the system with respect to the scenario of the process of the large number of the datasets with respect to the documents in the form of the text with the metrics of the different evaluations respectively. There is a major challenge for the present designed method in which related to the well oriented phenomena of the measure of the similarity score by the help of the mutual understanding of the view points of the multiple phenomena in a well oriented fashion respectively. In advance to this

strategy another similarity score is implemented for the further improvement in the performance in the system in a well respective fashion respectively.

REFERENCES

- [1] I. S. Dhillon, S. Mallela, and D. S. Modha, "Information-theoretic co-clustering," in KDD, 2003, pp. 89–98.
- [2] C. D. Manning, P. Raghavan, and H. Schütze, *An Introduction to Information Retrieval*. Press, Cambridge U., 2009.
- [3] I. Dhillon and D. Modha, "Concept decompositions for large sparse text data using clustering," *Mach. Learn.*, vol. 42, no. 1-2, pp. 143–175, Jan 2001.
- [4] S. Zhong, "Efficient online spherical K-means clustering," in *IEEE IJCNN*, 2005, pp. 3180–3185.
- [5] A. Banerjee, S. Merugu, I. Dhillon, and J. Ghosh, "Clustering with Bregman divergences," *J. Mach. Learn. Res.*, vol. 6, pp. 1705–1749, Oct 2005.
- [6] E. Pekalska, A. Harol, R. P. W. Duin, B. Spillmann, and H. Bunke, "Non-Euclidean or non-metric measures can be informative," in *Structural, Syntactic, and Statistical Pattern Recognition*, ser. LNCS, vol. 4109, 2006, pp. 871–880.
- [7] M. Pelillo, "What is a cluster? Perspectives from game theory," in *Proc. of the NIPS Workshop on Clustering Theory*, 2009.
- [8] D. Lee and J. Lee, "Dynamic dissimilarity measure for support based clustering," *IEEE Trans. on Knowl. and Data Eng.*, vol. 22, no. 6, pp. 900–905, 2010.
- [9] A. Banerjee, I. Dhillon, J. Ghosh, and S. Sra, "Clustering on the unit hypersphere using von Mises-Fisher distributions," *J. Mach. Learn. Res.*, vol. 6, pp. 1345–1382, Sep 2005.
- [10] W. Xu, X. Liu, and Y. Gong, "Document clustering based on nonnegative matrix factorization," in *SIGIR*, 2003, pp. 267–273.