

“RN-Chatter” Application For Android Mobiles

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ABSTRACT

This century presents a new approach to predictive data analytics, called Radius of Neighbours (RN), and its mobile application, a multilingual RN-Chatter, devoted to improve communication among people, speaking different languages. RN is a modeless method of unsupervised machine learning, what makes it a fairly simple but effective way of analyzing big amounts of data while keeping acceptable speed of execution and taking up little run-time space. We discovered that RN gives better results than well-known K-Nearest Neighbours (KNN) in some cases.

Keywords: Mobile Communication, Remote Access Software, GCM.

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I. INTRODUCTION

In this application two different language speaking persons can communicate with each other using live translator For communication. we are going to use Google Cloud Messaging (GCM) For translation .we are going to use Radius of Neighbor(RN) algorithm In this application initially we will translate Hindi to English and English to Hindi language for live communication. Many people around the world use automatic natural language translators, such as Google Translate and its application, on a regular basis. Many of those noticed how sometimes inaccurate and disappointing the actual translation is. At the same time, the translation results significantly varies depending on the languages used. In our previous paper, devoted to discovery of our new method of machine learning RN [1], we focused on English-to-Russian, English-to-Telugu and English-to-Yoruba translation accuracy and closely worked with the people, gently speaking both to validate our results. We achieved promising results from the initial investigation of this new RN method.

System Architecture:

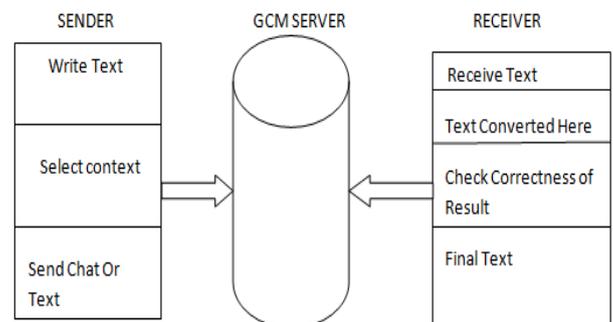


Fig 1.System architecture

II. LITERATURE SURVEY

In this paper, they summarize three main shortcomings confronting KNN and single out three main methods for

overcoming its three shortcomings. Keeping to these methods, they try to survey some improved algorithms and experimentally tested their effectiveness.

In this paper the purpose of this note is to introduce the condensed nearest neighbor decision rule (CNN rule) and to pose some unsolved theoretical questions which it raises. The CNN rule, one of a class of ad hoc decision rules which have appeared in the literature in the past few years, was motivated by statistical consideration pertaining to the nearest neighbor decision rule (NN rule). In this paper nearest neighbor decision rule assigns to an unclassified sample point the classification of the nearest of a set of previously classified points.

In this paper presents a new approach to predictive data analytics, called Radius of Neighbors (RN), and its mobile application, a multilingual RN-Chatter, devoted to improve communication among people, speaking different languages. In this paper presents Matrix Multiplication on High-Density Multi-GPU Architectures Theoretical and Experimental Investigations Lecture Notes in Computer Science. In this paper are given any Survey of Improving K Nearest-Neighbor for Classification they try to survey some improved algorithms and experimentally tested their effectiveness. In this paper presents Linguistic Constraints for Statistical Machine Translation, translating the any machine constraints for machine language. In this paper are given by Eigen analysis-based task mapping on parallel computers with cellular networks.

Comparison:

Sr no	Name of paper	Year of publish	conclusion	Disadvantages
1	Survey of Improving K-Nearest-Neighbour for Classification	2015	In this paper, they make a survey on improving KNN for accurate classification. main work include: 1) three main shortcomings confronting KNN; 2) Responding to these shortcomings, three main methods for overcoming its shortcomings; 3) Keeping to these improving methods.	Large amount of algorithms are need to presented.
2	Nearest-Neighbor Pattern Classification.	2014	Classification of sample contain the nearest neighbor.	The algorithm is more complicated
3	Intelligent Data Mining for Translator Correctness Prediction.	2016	Innovative RN Method For Modeless Data Prediction	Cloud Storage Require
4	The Condensed Nearest Neighbour Rule	2015	The CNN rule is suggested as a rule which retains the basic approach of the NN rule without imposing such stringent storage requirements.	The algorithm is more complicated

Table 1.comparison

III. FUTURE SCOPE

- Speaking with different language:

You can get free express software to help with learning a language, and access to discounts on complete language learning packages. Language learning resources are available if you are learning Chinese, Dutch French, German, Italian, Portuguese, Russian or Spanish.

- Real time messenger:

Real-time text is used for conversational text, in collaboration, and in live captioning. Technologies include TDD/TTY devices for the deaf, live captioning for TV, a feature enhancement in instant messaging, captioning for telephony/video teleconferencing, telecommunications relay services including ip relay, transcription services including Remote CART, Type Well, collaborative text editing, streaming text applications, next-generation.

- User friendly:

User Friendly is a daily web comic about the state of a small functional Internet service provider, Columbia Internet. The strip's humour tends to be centered on technology jokes and geek humour. User-friendly describes a hardware device or software interface that is easy to use. It is "friendly" to the user, meaning it is not difficult to learn or understand. While "user-friendly" is a subjective term, the following are several common attributes found in user-friendly interfaces.

IV. CONCLUSION

In this application two different language speaking person's can communicate with each other using live translator .For translation we are going to use Radius of Neighbor(RN) algorithm. In this application initially we will translate Hindi to English and English to Hindi language for live communication.

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