# An Efficient and Fair Multi-Resource Allocation Mechanism for Heterogeneous Servers

### **Abstract**

- Social Media is playing a key role in today's society. Many of the events that are taking place in diverse human activities could be explained bythe study of these data.
- Big Data is a relatively new parading in Computer Science that is gaining increasing interest by the scientific community.
- Big Data Predictive Analytics is a Big Data discipline that is mostly used to analyze what is in the huge amounts of data and then perform predictions based on such analysis using advanced mathematics and computing techniques.
- The study of Social Media Data involves disciplines like Natural Language Processing, by the integration of this area to academic studies, useful findings have been achieved.
- Social Network Rating Systems are online platforms that allow users to know about goods and services, the way in how users review and rate their experience is a field of volving research.

# Existing

- Big Data is a relatively new parading in Computer Science that is gaining increasing interest by the scientific community.
- Big Data Predictive Analytics is a Big Data discipline that is mostly used to analyze what is in the huge amounts of data and then perform predictions based on such analysis using advanced mathematics and computing techniques.

# Proposed

- The study of Social Media Data involves disciplines like Natural Language Processing, by the integration of this area to academic studies, useful findings have been achieved.
- Social Network Rating Systems are online platforms that allow users to know about goods and services, the way in how users review and rate their experience is a field of evolving research.

#### HARDWARE REQUIREMENTS

Processor :Intel Pentium IV 1GHz

RAM :256MB (Min)

Hard Drive :5GB free space

Monitor :1024 \* 768, High Color inch

Mouse :Scroll Mouse (Logitech)

Keyboard 104 key

#### SOFTWARE REQUIREMENTS

OS: Windows XP/7/8

Front End: Visual Studio 2010/ netbeans 7.1

Back End : SQL Server 2005/ heidisql 3.2

Browser : Any Web Browser

## Conclusion

This paper presents a deep investigation in the state of the art of these areas to discover and analyze the current status of the research that has been developed so far by academics of diverse background.

## Reference

- [1] A. De Mauro, M. Greco, M. Grimaldi, "What is Big Data? A Consensual Definition and a Review of Key Research Topics", In: AIP Conference Proceedings, pp. 97–104, 2015.
- [2] H. Özköse, E. Sertac, C. Gencer, "Yesterday, Today and Tomorrow of Big Data", Procedia-Social and Behavioral Sciences, vol. 195, pp. 1042-1050, 2015.
- [3] P. Nadkarni, L. Ohno-Machado, W. Chapman, "Natural language processing: an introduction", Journal of the American Medical Informatics Association, vol. 18, pp. 544-551, 2011.
- [4] J. Qi, Z. Zhang, S. Jeon, Y. Zhou, "Mining Customer Requirements from Online Reviews: A Product Improvement Perspective", Informationand Management, vol. 53, no. 8, pp. 951–963, 2016.
- [5] S. Fosso, S. Akter, A. Edwards, G. Chopin, D. Gnanzou, "How'big data' can make big impact: Findings from a systematic review and a longitudinal case study", International Journal of Production Economics, vol. 165, pp. 234–246, 2015.