Abstract

In today's world Travel and Tourism agencies are growing day by day as the Tourist's are increasing their part in traveling and visiting the different places. The main issue behind the this is the budget and the package selection in the travel and tourism industry because every agency think as if they are best compared to others, so to overcome such problems there must be a system that provides packages for the customer. The main objective of this project is to provide a suitable package to customer from different travel agencies by comparing packages provided by the agency's to the customer.

References

1. Mirjana Pejic Bach, Markus Schatten, Zrinka Marui, Data Mining Applications in Tourism, at Central European Conference on Information and Intelligent Sys-tems, on September 2013.
2. Erik Cambria, Bjorn Schuller, Yunqing Xia, Catherine Havasi, New Avenues in Opinion
Mining and Sentiment Analysis at IEEE Computer Society on March 2013.

3. Yakun Hu, Dapeng Wu, Fellow, IEEE, and Antonio Nucci, Fuzzy-Clustering-Based Decision Tree Approach for Large Population Speaker Identification, at IEEE TRANSACTIONS ON AUDIO, SPEECH, AND LANGUAGE PROCESSING, on April 2013, VOL. 21, NO. 4.


7. Stanley Loh, Fabiana Lorenzi, Ramiro Saldana, Daniel Lichnow, A Tourism recommender system based on collaboration and text analysis, at The Information Technology Tourism, Vol. 6, Copyright 2004 Cognizant Comm. Corp.

8. Tzu-Ching Lin, Enhancing Tourism Intermediaries with the Data Mining Process TransWorld University Taiwan, 2012 International Conference on Information and Knowledge Management.


10. Leszek Rutkowski, Maciej Jaworski, Lena Pietruczuk, Piotr Duda, Decision Trees for Mining Data Streams Based on the Gaussian Approximation, at The IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING, VOL. 26, NO. 1, JANUARY 2014.


**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Tourism, Travel, ARMA, NLP, Decision tree.