Abstract

It is important to carry out email classification to determine its topic [2],[3],[4],[5],[6],[7],[8]. This paper is aimed at making new agents model to determine the email topic by classifying them based on the subject and content autonomously. This domain model is university archiving. The email topic is the keyword of the job description in the university’s units. The email target, except the one to the university director, is based on the email topic. The classification method used was Naive Bayes and Gaussian Density Methods. The agents used were those with proactive characteristic that can work autonomously in classifying emails. The development of this new model results in the detailed email target. Using this model, most emails can be classified correctly according to the categories.

References

An Agent Model using Naïve Bayesian for Email Classification

International Conference on Information Technology (ITNG’07) IEEE.


Technology, University of Dhaka, Dhaka-1000, Bangladesh. International Conference on Information and Multimedia Technology. IEEE.


Index Terms

Computer Science
Artificial Intelligence

Keywords

Classification, Agent, Email, Naïve bayesian, Proactive