Abstract

At this time a lot of job fairs in order to show the company's need to recruit job applicants and job applicants seeking employment. With limited time in the job fair and the limited needs of the company in receiving job applications from all walks of applicants can cause confusion for applicants applying for a job according to their field. In this research, the process of matching jobs by CV using Classification Based on Strong Frequent Pattern (CSFP) Algorithm which results in a job recommendation to make more comfortable applicant. CSFP algorithm has four stages: (1) discretization of attributes in a data set, (2) partition the data set according to class labels; (3) Mining frequent patterns in each partition, (4) pruning. The results of this study, the algorithm is able to provide recommendation CSFP work best with an accuracy of 98.7%.

Keywords: algorithm CSFP, CFP-Tree, frequent pattern, pruning.