**Title:** **Adaptive Techniques for Log File Mining to Analyse User's Session Pattern**

# Abstract

The important part of any internet application is system log files. System log files is the purpose of directory in numerous facet of information mining for web users. Web users are not able to locate what they actually want within reasonable amount of time. There is a good style of logs to stock information regarding the search patterns of the users. There can be ample formats of convenience of logs, every of internet application will develop format of its own logs. Generally, IP, date and time of the request, result for the request (with code), dealing size, protocol, request description, browser and software package utilized by the user area unit a number of the vital attributes of each request that get into the record of the log file. The user's activity search pattern is examined by the question log files.The user's browsing behavior is analyzed using various methodology. Completely different from existing ways, gift system avoids users' feedback to the browser and doesn't collect the data which can manufacture privacy problems, e.g. users' browsing history, bookmarks, and so on. As a result of the data recorded by server in access logs are utilized to judge the page interest, a referrer-based knowledge pre-processing methodology is administrated to enhance the dependability of the access knowledge and extract the required info for interest estimation.

**Keywords:** Log Files, System Logs, Search Patterns, Interest Estimation, Browsing History.