The main goal is to provide better recommendations system to TV viewers where the predictions are based on VOD streaming. Recommender systems have great achievements in the fields of VOD, (VIDEO ON DEMAND). We have provided an effective recommended programs. Based on trending data, the rank will change based on time series, so that timely prediction of program popularity is of great value for content providers, advertisers, and broadcast TV operators. This information can be beneficial for operators in TV program purchasing decisions and can help advertisers formulate reasonable advertisement investment plans. Prediction models have been proposed based on video-on-demand (VOD) K spectral clustering and Kmedoids with Dynamic time warping are used for popularity prediction. File creation with multi-grained is used for optimizing the streaming time. Cache replacement strategy is used to free up memory constraints. So it can speed up the streaming data.

Index Terms

Computer Science Information Sciences

Keywords

TV programs, time, context, recommender systems, trending, audience prediction watch it, regardless to the fact that a more interesting program could be scheduled on a different channel or at a different time slot. A user cannot watch different TV channels simultaneously In non linear TV common recommender systems, programs are always accessible and a user can absorb more content at the simultaneous time, in linear TV a users can look only one program at the particular time and the programs are left are not be convey in upcoming consequently, we recognize the viewing habits, a recommender system should indentify that some of the TV programs are common because scheduled simultaneously. Television Audience Ratings Television crowd evaluations (TV appraisals) are the major marker in the concept of TV broadcasting; they're utilized to survey the prevalence of TV programs. program's TV rating shows the level of all TV families checked out that program. Television evaluations are a standard measure use