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(57) Abstract :

The past decade has seen significant development in the number of personalized recommendation applications on the World Wide Web. It aims to assist users to retrieve relevant items from a large repository of contents by providing items or services of likely interest based on the users' past history. However, it is not easy due to the huge amount of information available on the web. Most of the systems formulated so far use the metadata linked with the digital contents, but such systems fail to generate significant recommendations results. In these circumstances, a semantic personalized recommendation system plays an important role to take away the semantic gap between high-level semantic contents and low-level media features. The proposed model recommends personalized sets of videos to users depending on their previous activity on the site and exploits a domain ontology and user items content to the domain concepts.

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