Tourism Recommender Systems: An Overview of Recommendation Approaches

Volume 180
Number 20
Year of Publication: 2018

Authors:
Larbi Kzaz, Dounia Dakhchoune, Dounia Dahab

Abstract

Recommender systems have become an active research topic during the last two decades, thus giving rise to several approaches and techniques. They have also become increasingly popular among practitioners and used in variety of areas including movies, news, books, research articles restaurants, garments, financial services, insurance, social tags and products in general. Tourism is an important sector for economic development and a potential application area of use of recommender systems. This paper presents an overview of existing recommender approaches used in tourism and discusses their relevance taking into account tourism context and specificities.

References

Tourism Recommender Systems: An Overview of Recommendation Approaches


14. Charif Alcheikh Haydar Les systèmes de recommandation base de confiance, thèse de doctorat 2014

15. Jonathan Loudec Stratégies de Bandit pour les Systèmes de Recommandation thèse doctorale 2016


18. Jonathan Loudec Stratégies de Bandit pour les Systèmes de Recommandation thèse doctorale 2016


23. Ilhem Boussaid Personnalisation de l’information et gestion des profils utilisateurs : une approche fondée sur les ontologies thèse doctorale 2005

24. Imen Akermi, Mohand Boughanem, Rim Faiz Une approche de recommandation
Tourism Recommender Systems: An Overview of Recommendation Approaches

25. Marie-Françoise Canut, Sirinya On-at, André Péninou, Florence Sèdes Enrichissement du profil utilisateur à partir de son réseau social dans un contexte dynamique : application d’une méthode de pondération temporelle 2013


27. Bouchra Aadil, Abderrahim Ait Wakrime, Larbi Kzaz, Abderrahim Sekkaki Ontological approach for Data WareHouse design 2015


29. Nikola Minić, Angelina Njeguš, Jelena Tulić Ceballos The Impact of Web 3.0 Technologies on tourism information systems 2014

30. Dieudonné Tchuente, André Peninou, Marie-Francoise Canut, Nadine Baptiste-Jessel, Florence Sèdes Modélisation du processus de développement des profils utilisateurs dans les systèmes d’information 2010

31. Victor Codina and Luigi Ceccaroni Taking Advantage of Semantics in Recommendation Systems 2010


35. Miquel Montaner, Beatriz Lopez And Joseph Louis De Larosa 2003 A Taxonomy Of Recommender Agents On The Internet

36. Tobias Berka and Manuela Plößnig Designing Recommender Systems for Tourism

37. Annika Hinze and Saijai Junmanee Travel Recommendations in a Mobile Tourist Information System


Index Terms

Computer Science Information Systems

Keywords

Recommender systems; Tourism field; Content based; Collaborative based; Ontology Based;
Hybrid Recommender System.