

Publications

Proceedings/Book Names

RecSys '16: Proceedings of the 10th ACM Conference on Recommender Systems (3)

RecSys '17: Proceedings of the Eleventh ACM Conference on Recommender Systems (3)

RecSys '18: Proceedings of the 12th ACM Conference on Recommender Systems (3)

RecSys '15: Proceedings of the 9th ACM Conference on Recommender Systems (2)

SIGIR '18: The 41st International ACM SIGIR Conference on Research & Development in Information Retrieval (2)

More (15) ~

Content Type

Research Article (47)

Abstract (3)

Extended Abstract (1)

Section (1)

Media Formats

PDF (58)
Image (15)
HTML (5)
Video (4)

Abstract

The RecSys Challenge 2016 focuses on the prediction of users' interest in clicking a job posting in the career-oriented social networking site Xing.

Full Text

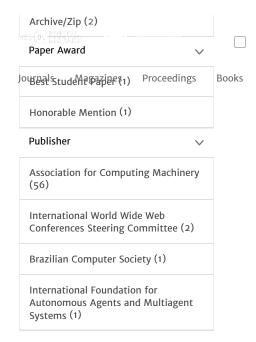
CCS Concepts •Information systems → Recommender systems; Learning to rank; •Theory of computation → Boosting; Keywords Recommendation Systems, Top¬N Ranking, Point Process, Ensemble learning 1. Recommendation systems [15] have been intensively studied in recent years due to its wide applications many domains, ranging from music recommendation to e-commerce platform to financial services. Some advanced extensions can leverage the user¬profile and item¬content information into the base intensity matrix to formulate a context¬ aware Hawkes Process [7, 8].

Subject

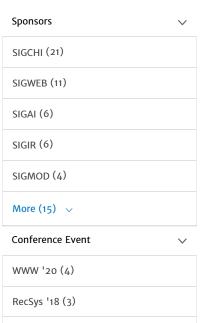
RecSys: ACM Conference On Recommender Systems Machine learning theory Recommender systems

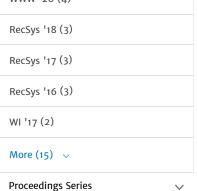
11 ~ 6 433

, e · 9 b



■ Conferences





RecSys: ACM Conference On Recommender Systems (13)

WWW: International World Wide Web Conference (7)

IR: Research and Development in Information Retrieval (3)

RESEARCH-ARTICLE FREE

Emotions and fashion recommendations: evaluating the predictive SIGS of affective information for the prediction of rashion product preferences in cold-start scenarios



WI '17: Proceedings of the International Conference on Web Intelligence • August 2017, pp 1234–1240 • https://doi.org/10.1145/3106426.3109441

Emotions have a significant impact on the purchasing process. Due to novel affective computing approaches, affective information of users can be acquired in implicit and therefore non-intrusive manner. Recent research in the field of recommender systems ...

A Highlights V

Abstract

Recent research in the field of recommender systems indicates that the incorporation of affective user information in the prediction model has a positive impact on the recommender systems accuracy. Existing research mainly focused on product recommendations in the movie anfd music domain. Our paper investigates the impact of affective emotions on fashion products, which is one of the largest consumer industries.

Full Text

CCS CONCEPTS • Information systems → Recommender systems; KEYWORDS affective recommender systems, fashion recommendation, factorization machines, context- aware recommendation, new item cold-start ACM Reference format: Alexander Piazza, Pavlina Kröckel, and Freimut Bodendorf.

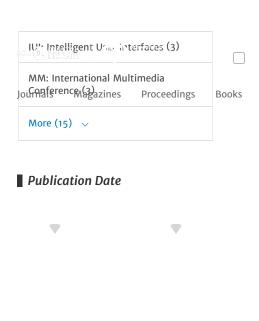
Such systems are referred to as context- aware recommender systems (CARS) [1]. The positive impact of user's affective state on the prediction performance of recommender systems has been demonstrated in domains like movies [32].

In the area of recommender systems, the influence of emotions on the prediction accuracy was investigated in domains like movies [32], music [4], and image preferences [27].

Subject

Recommender systems





2020

2015

Past 2 years

Past year

RESEARCH-ARTICLE FREE

Enabling heterogeneous recommendations in OSS development: Sless of General What Search ACM Digital What's done and what in CROSSMINER

Phuong T. Nguyen, 🕒 Juri Di Rocco, 👌 Davide Di Ruscio

EASE '19: Proceedings of the Evaluation and Assessment on Software Engineering • April 2019, pp 326–331 • https://doi.org/10.1145/3319008.3319353

Open source software (OSS) forges contain rich data sources that are useful for supporting development activities. Research has been done to promote techniques and tools for providing open source developers with innovative features aiming at obtaining ...

A Highlights V

Abstract

Following the proposed paradigm, we have implemented recommender systems for providing various artifacts, such as third-party libraries and API

As a proof of concept, we present a use case where we built a context- aware recommender system to recommend API function calls and usage patterns.

Full Text

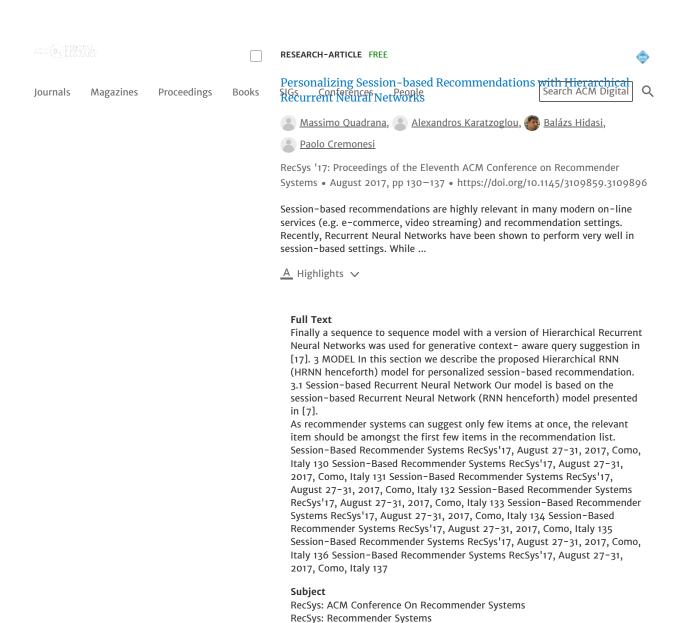
KEYWORDS software engineering, recommender systems, machine learning ACM Reference Format: Phuong T.

We already made available the CrossRec's replication package to facilitate future research.4 2.2.2 Context- aware recommender systems. Incorporating context into the computation brings in a new level of recommender systems, so called context- aware recommender systems (CARS) [1].

Keywords

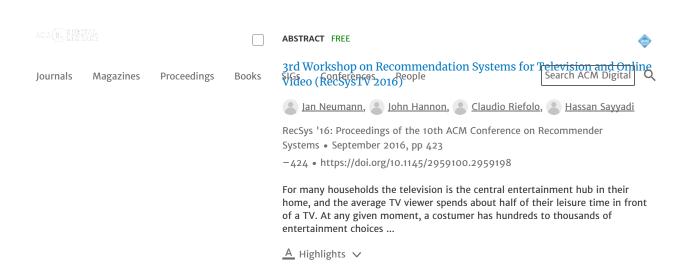
machine learning recommender systems





Machine learning

77 / 75 1,177



Full Text

The unique challenges and wide-ranging applications of recommender systems in this domain motivated us to organize this workshop to bring together researchers from industry and academy in order to identify and share the key challenges, approaches and solutions of the field. 2. RecSys '16, September 15-19, 2016, Boston , MA, USA ACM 978-1-4503-4035-9/16/09. http://dx.doi.org/10.1145/2959100.2959198 Context- aware TV and online video recommendations Leveraging contextual viewing behavior, e.g. device specific recommendations Mood based recommendations Group recommendations User modeling & leveraging user viewing and interaction behavior How can social media improve TV recommendations Cross-domain recommendation algorithms (linear TV. video on demand, DVR, gaming consoles) Multi-viewer profile separation Evaluation metrics for TV and online video recommendations Content-based TV and online video recommendations Analysis techniques for video recommendations based on video, audio, or closed caption signals Utilization of external data sources (movie reviews, ratings, plot summaries) for recommendations Other topics related to TV and online video recommendations Video play listing Linear TV usage and box office success prediction Catch-up TV recommendations Personalized advertisement recommendations Recommendations of 2nd screen web content Recommendations of short form videos (previews, trailers, music videos) 4. ACKNOWLEDGEMENTS We thank the RecSys 2016 organizing committee for giving us the opportunity to host this workshop in conjunction with RecSys 2016 and our companies Comcast, Moviri and Zalando for supporting this event.

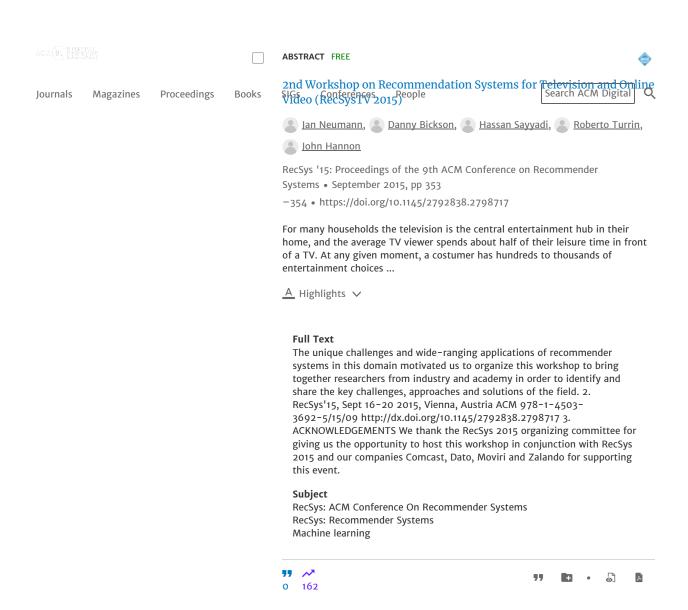
Subject

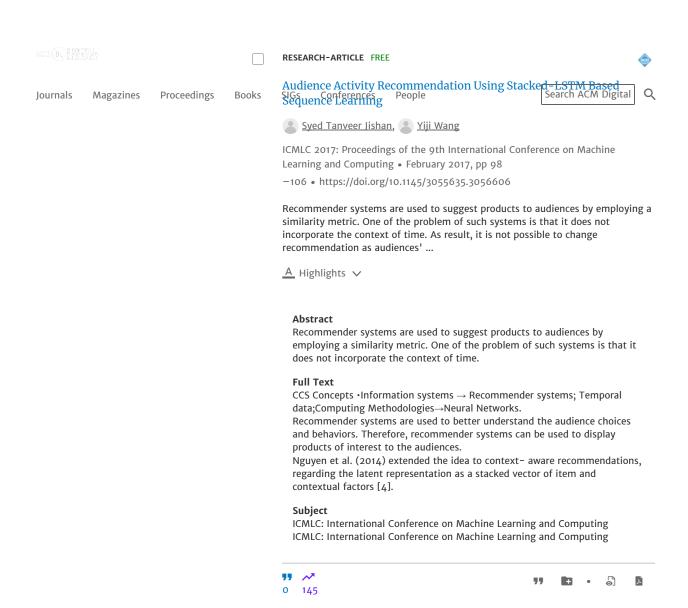
RecSys: ACM Conference On Recommender Systems

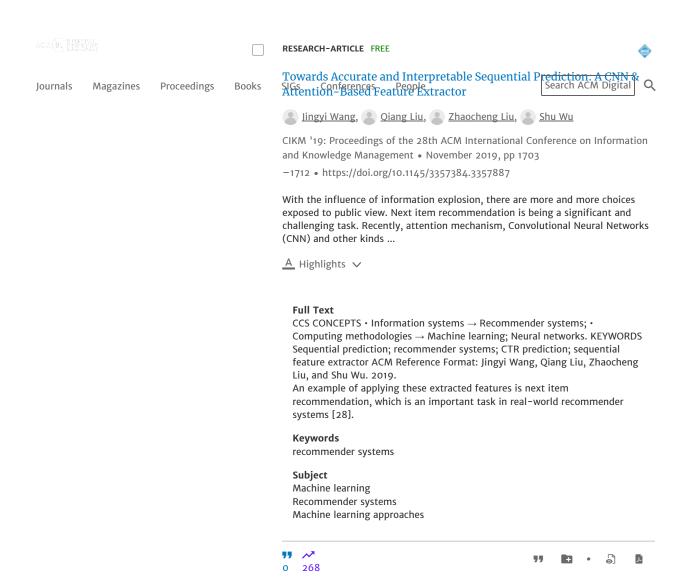
RecSys: Recommender Systems

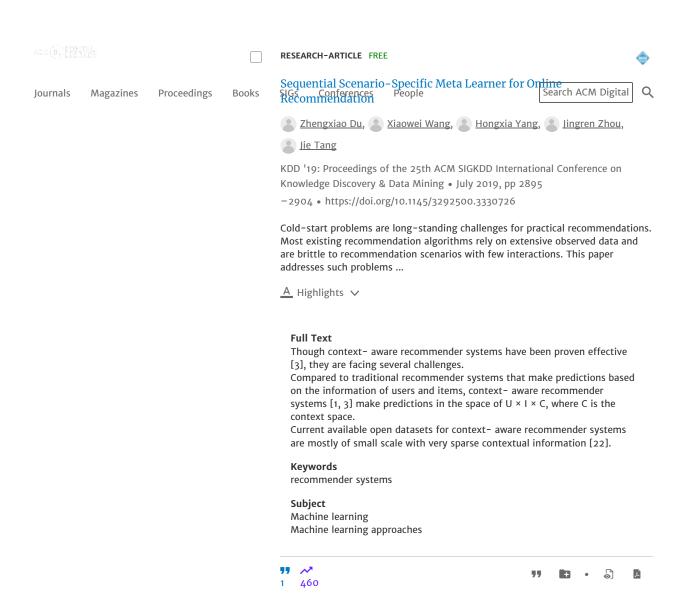
Machine learning

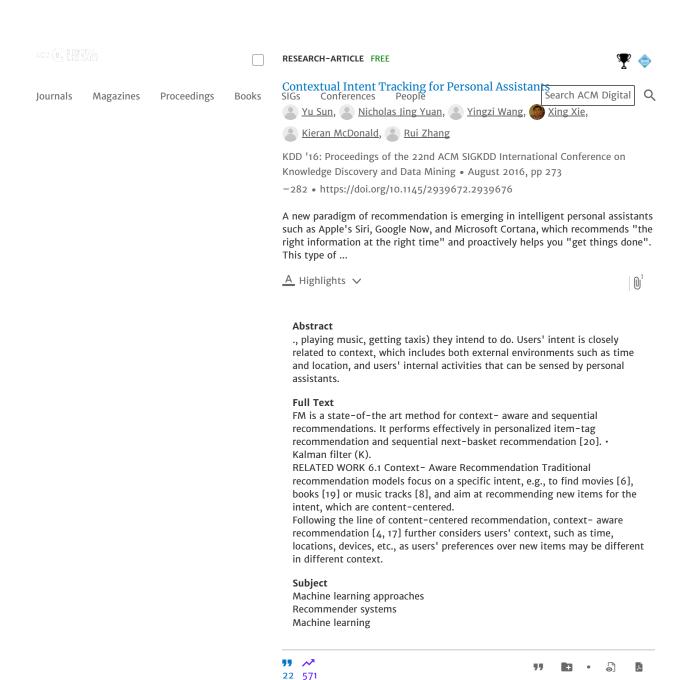


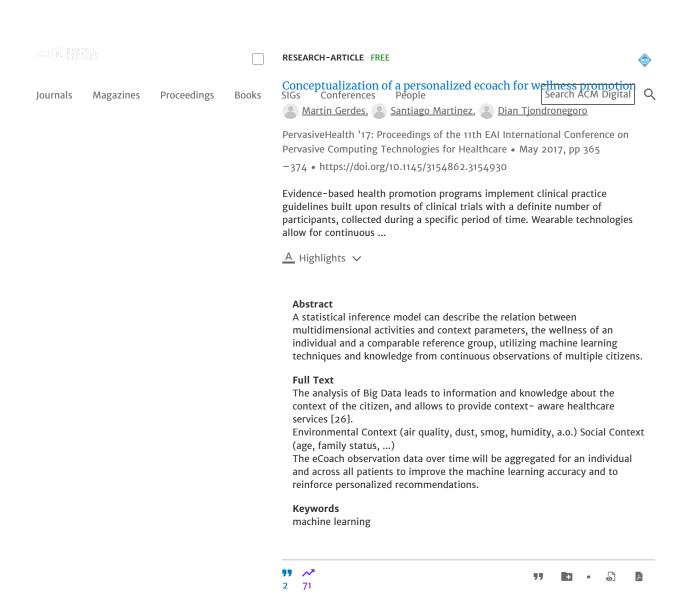


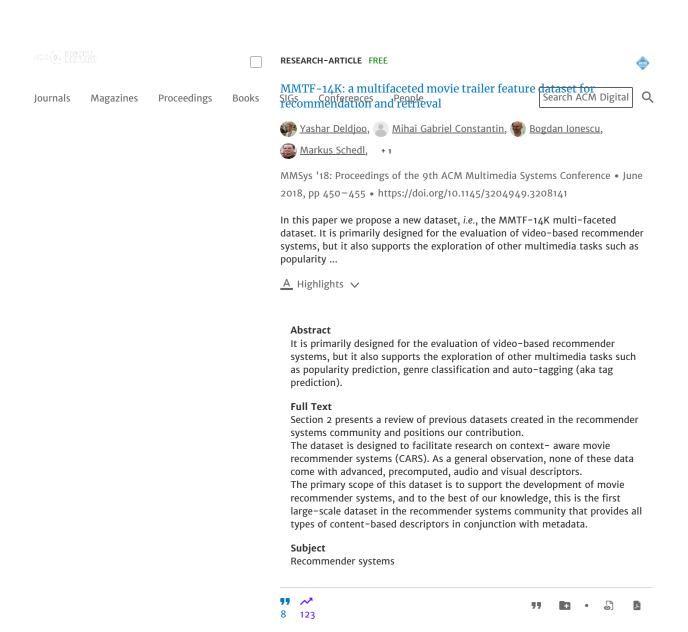


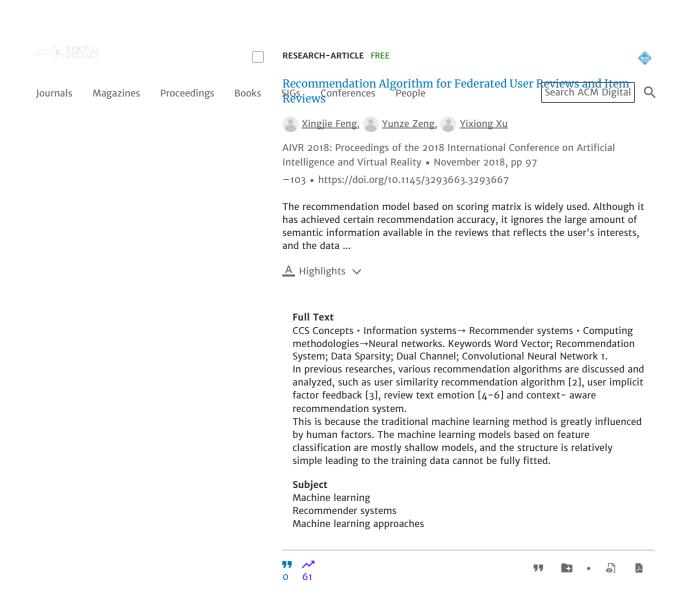


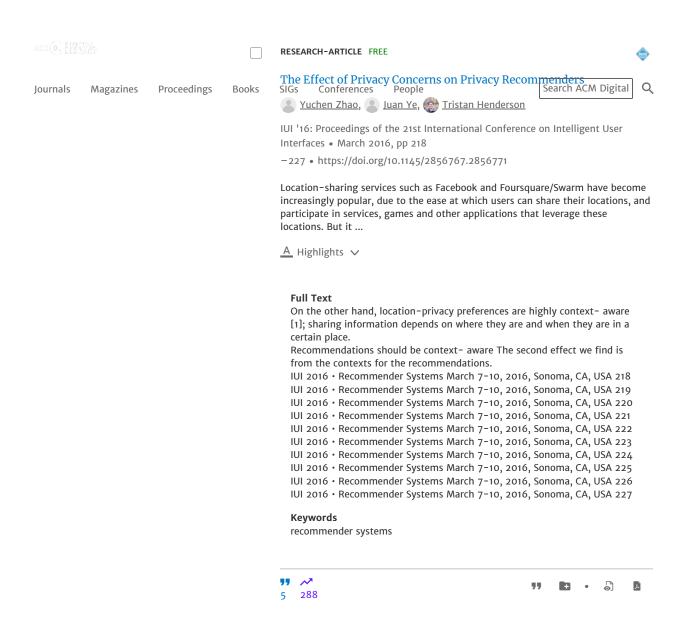


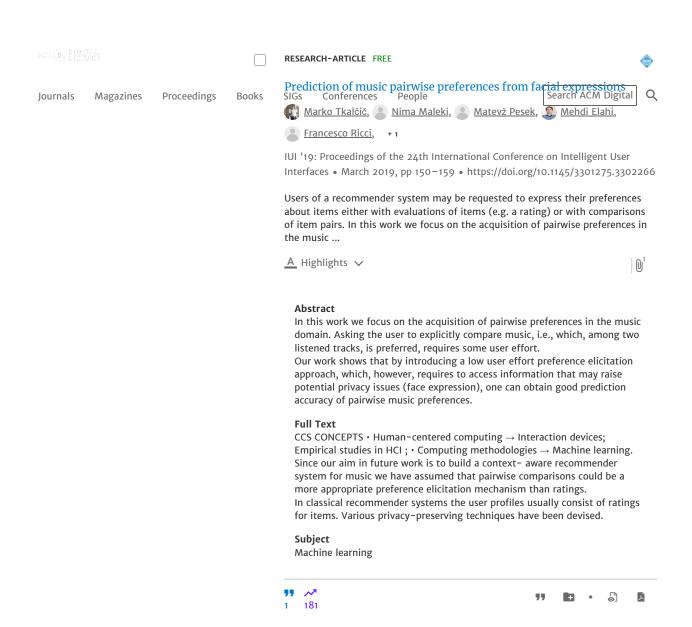


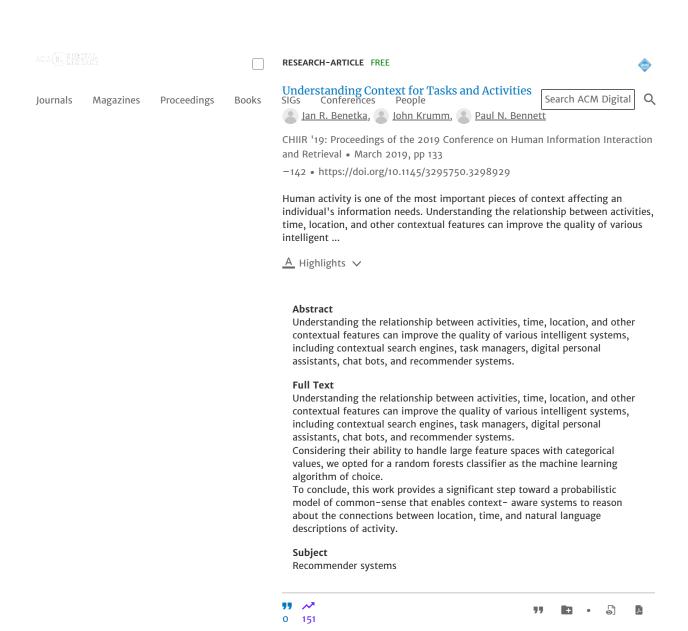


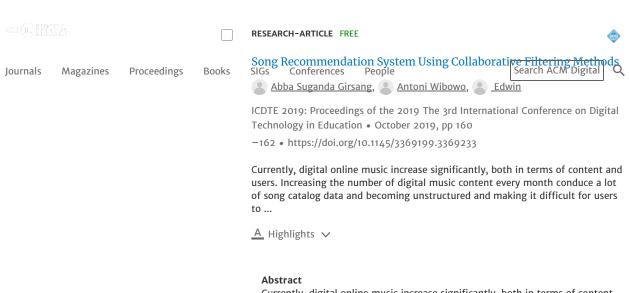












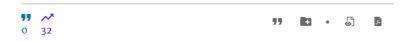
Currently, digital online music increase significantly, both in terms of content and users. Increasing the number of digital music content every month conduce a lot of song catalog data and becoming unstructured and making it difficult for users to choose the songs they want to listen to. To make it easier for users to optimize a large number of subscribed music catalogs, a user-centric music recommendation system is needed that allows users to be able to manage catalogs of digital music content according to their needs. This study examines how to implement song recommendation system using collaborative filtering method in digital online music.

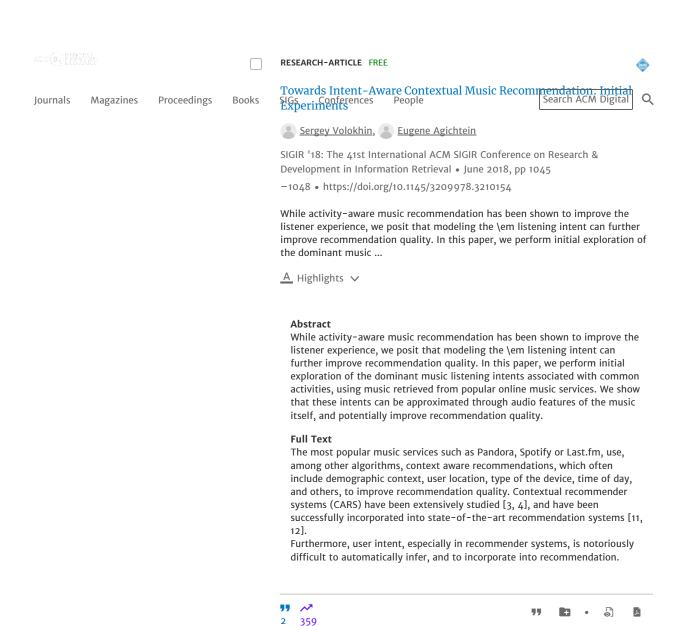
Full Text

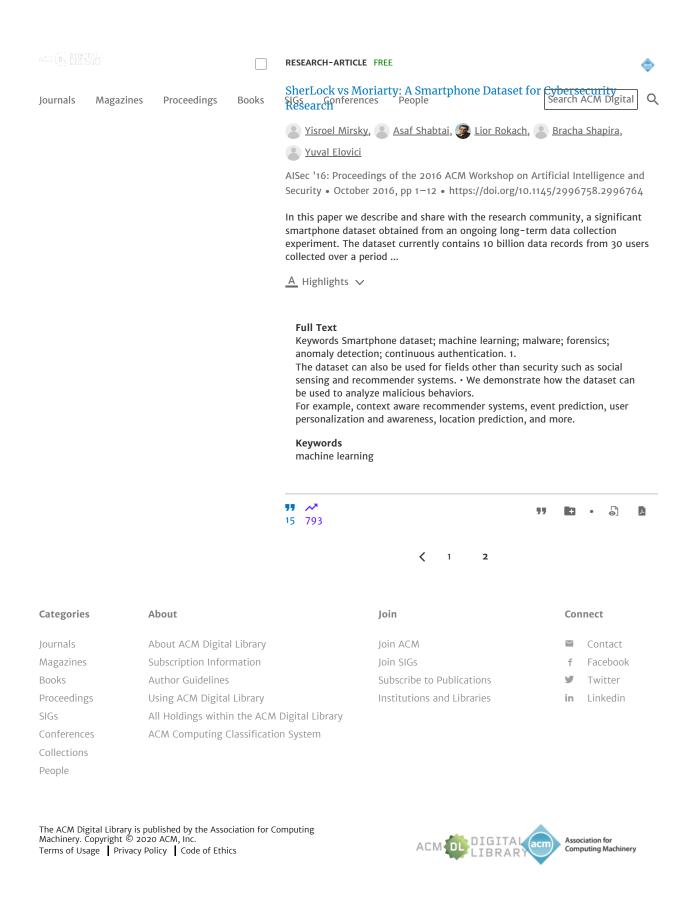
CCS Concepts Computing methodologies → Machine learning → Machine learning approaches→Factorization methods→ Factor analysis Keywords Collaborative filtering; digital music; recommendation; playlist generation. 1. Recently, recommender systems are used to handle real world issues. A large Increase needs of recommender systems because it helps user to finding their own preferences from a huge data over the past few years. A good music recommender system should be personalized and context– aware, in which user's preference can be learned from historical behaviors of music selection and consumption [4].

Subject

Machine learning Machine learning approaches







Feedback