Abstract

Recommender systems are one of the best choices to cope with the problem of information overload. These systems are commonly used in recent years help to match users with different items. As more data is available on the internet traditional methods suffer from challenges like accuracy and scalability. Deep learning a state of art machine learning method also achieve promising performance in the field of recommender system. In this study we provide an overview of traditional approaches their limitations and then discuss about the aspects of deep learning used in the recommender system domain to improve the accuracy in recommender system domains. These deep recommender systems can be used to understand the demands of users and improve the value in recommendations.

References

1. S. Sivapalan, A. Sadeghian, H. Rahnama, and A. M. Madni, “Recommender systems in
Deep Learning Innovations in Recommender Systems


Index Terms

Computer Science Information Sciences
Keywords

Recommender Systems, Deep Learning, Neural Networks