Intézeti szeminárium

Félév: 2017/18 I. félév
Helyszín: Árpád tér 2. II. em. 220. sz.
Dátum: 2017-10-10
Időpont: 14:00-15:00
Előadó: Benczúr András (MTA SZTAKI, Budapest)
Cím: Recommender systems by traditional and online machine learning

Abstract: Recommender systems have to serve in online environments which can be highly non-stationary. Traditional recommender algorithms may periodically rebuild their models, but they cannot adjust to quick changes in trends caused by timely information. In our latest experiments, we observed that even a simple, but online trained recommender model can perform significantly better than its batch version. In the presentation, I will show online learning based recommender algorithms that can efficiently handle non-stationary data sets. I will discuss evaluation results over eight publicly available data sets. As part of our results, I will present our open source C++ recommender system with a scikit-learn style Python API, which is particularly suited for practical courses in recommender systems.

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