

Recommender Systems for Online Classified Advertisements

Vasily A. Leksin

Recommender Systems Unit, AVITO.ru, Moscow, Russia
vleksin@avito.ru

Abstract. This talk is about our journey from simple linear models to neural networks in the development of Recommender Systems in Avito and the current recommendations architecture. I share successes and failures in building highly loaded Recommendation Systems. We discuss the gap between the latest scientific approaches and methods applicable in production systems and why we claim that the “keep it simple” principle works well in production systems.

Keywords: Recommender Systems, Classified Advertisements, high load

Short Bio

Since 2013 Dr. Vasily Leksin has been working at AVITO.ru. Up to 2016, Vasily held the position of Lead Analyst. He was responsible for building and leading the Antifraud team. Since 2016 Vasily performs as a Unit Leader in Recommender Systems. The team of talented Data Science professionals that Vasily leads took 3'd place of 112 at RecSys Challenge 2018 [1]. Recommender systems generate significant share (roughly 30%) of the Avito app's buyers activity now.

The most recent Vasily's scientific publications in the field of recommender systems are [1,2,3,4].

References

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