Working with AI

Erwin Eko WahyudiAl Engineer at Bukalapak

Part of the presentation are taken from Reza Aditya Permadi and Rahmatri Mardiko

Biografi

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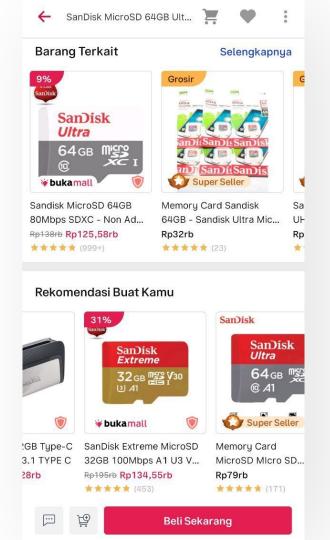
2012 - 2017 : S1 Ilmu Komputer UGM

2017 - 2019 : S2 Ilmu Komputer UGM

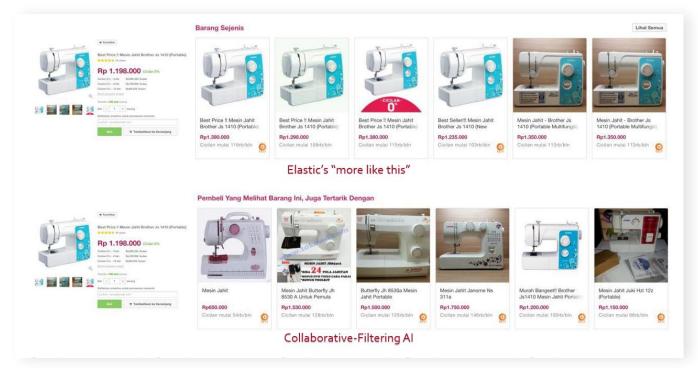
2019 - sekarang : Al Engineer di Bukalapak

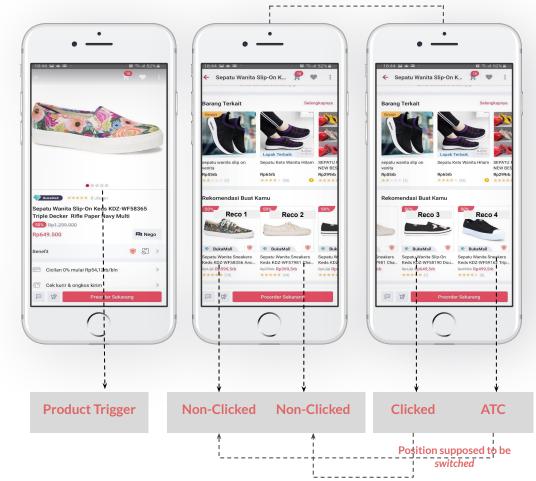
Recommender System

- ____
 - Sistem yang merekomendasikan item (barang, musik, video/film, dll) kepada user
 - Bisa dikombinasikan dengan Personalization



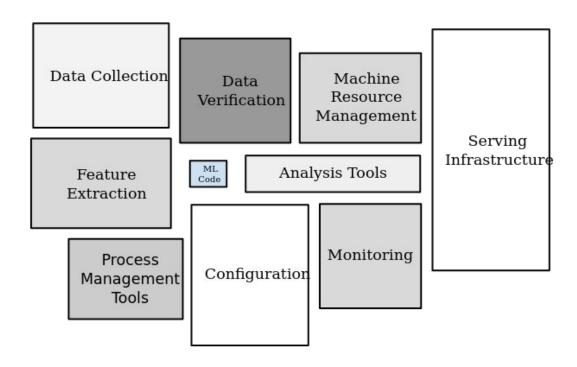
Recommender System in Bukalapak



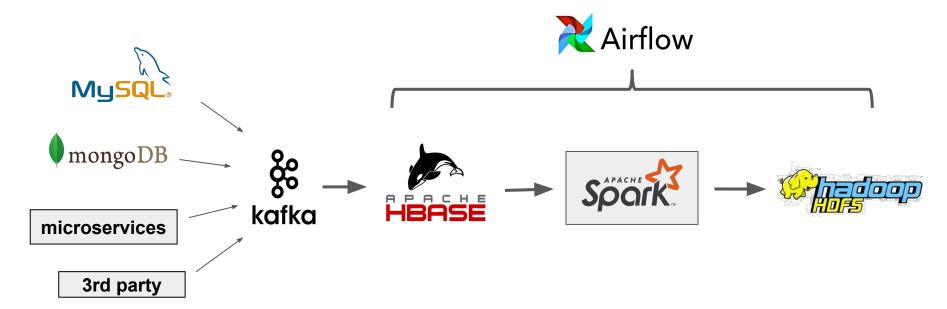


Brovman, et al. 2016. Optimizing Similar Item Recommendations in a Semi-structured Marketplace to Maximize Conversion. In Proceedings of the 10th ACM Conference on Recommender Systems (RecSys '16).

Production



ETL Pipeline



ETL Pipeline Airflow Batch processing HBASE cassandra Interactive jupyter

Processing engine

Backend

Database ____

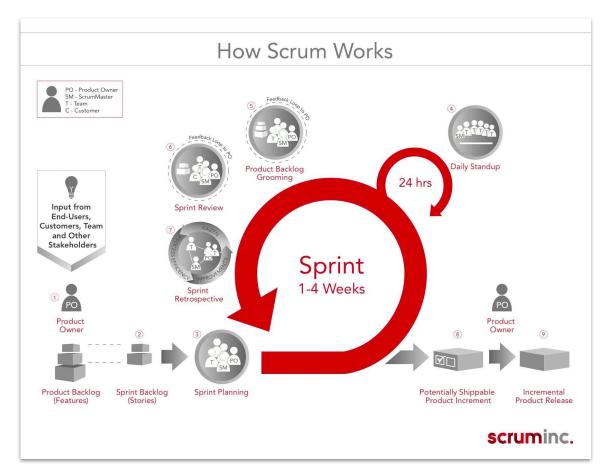
Production-ready

recommendations

Serving

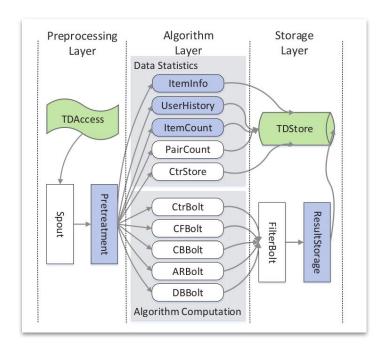
- Maintain API
- A/B test

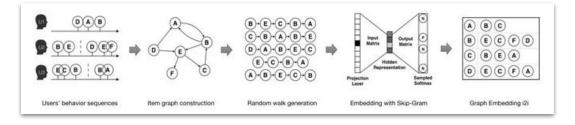
Scrum



Monthly Paper Discussion

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 - Discussing about reco-related paper
 - Possibility to implement





How to Apply

Apply

- careers.bukalapak.com
- Referral

Test

- Coding
- Job-related

Interview

- HRD
- User or Manager

Tips

- Sharpen logical thinking and problem-solving
- Testcases
- Learn several algorithms
- Try to implement
- Portfolio

Thank you!