

Recommendations

Goal of the assignment

1. Implement personalized recommender system serving personalized products for each customer in real-time.

2. Build a REST API service to fetch recommendations from model.

Data can be found here: <http://bit.ly/ai-rec-data> (need to be logged in using Google account)

Dataset description

<i>customer_id</i>	unique customer ID
<i>product_id</i>	unique product ID
<i>type</i>	customer action (event), e.g. view_product or purchase
<i>timestamp</i>	unix timestamp when action (event) occurred

Evaluation criteria

- code quality and tests,
- service built around model(s) to serve recommendations,
- selected recommendations methods and evaluation metrics,
- written description of the solution, summary findings (max 1x A4).

Notes

- Don't try to maximize/minimize specific evaluation metric, it's not the goal of the assignment. We want to find out how you're thinking about the problem.
- Use whatever technologies you want - libraries, DBs, anything.
- Please write legible and commented code.