Laborator 12

Documentati-va depsre algoritmii de recomandare (collaborative recommendations) si, folosind un set de date de la GroupLens (https://grouplens.org/datasets/) - exceptand MovieLens - efectuati recomandari de obiecte (carti etc.) pentru un utilizator in functie de: scorurile (rating-urile) date de utilizator si scorurile date de alti utilizatori.

Testati cel putin 2 variante de rezolvare si comparati rezultatele obtinute.

Bibliografie selectiva:

1. Collaborative Filtering: A Tutorial (https://www.cs.cmu.edu/~wcohen/collab-filtering-tutorial.ppt)
2. Capitolul 2 "Making recommendations" din "Programming Collective Intelligence", Toby Segaran, O'Reilly Press, 2007
3. Collaborative Filtering (http://www.math.univ-toulouse.fr/~besse/Wikistat/pdf/st-m-datSc3-colFil.pdf)
4. Recommendation Using Matrix Factorization (https://medium.com/@paritosh_30025/recommendation-using-matrix-factorization-5223a8ee1f4)

Predarea temei se va face in ultimul laborator din semestru.