

Final Project ***Recommendation Tools***

Due: May 30, 2016 (midnight) via email
Teams: 2 students
Grade: 55% of final grade.



Create a recommender application. You can use the MovieLense data set available in the R package recommenderlab or any other data that you would like.

Tasks

1. Describe the design space for your recommender application. Focus on explaining **why** you made these design choices and how they impact the usefulness of your application! Also specify what you have **implemented** and how your **ideal** recommender application would look like.

- **Domain** [2%]
- **Purpose** [2%]
- **Recommendation Context** [2%]
- **Data** (whose Opinions): Describe the available data and what other data is available/can be obtained. What would you do with that data? [10%]
- **Personalization Level:** You should use several levels [2%]
- **Privacy and Trustworthiness** [2%]
- **Interfaces** [5%]
- **Used Recommendation Algorithms:** Which algorithms do you use? Why? How do you combine them into a hybrid recommender system? [10%]

2. Implement a prototype and deploy it on shinyapps.io [20%]

Submission

The submission needs to contain:

- Report (one report per team with a list of who did what)
- Link to application
- Application source code