|  |
| --- |
| **User Taste Prediction** |

**Annies AbduljaffarMatt Vail**

Student Student

Stanford University Stanford University

Stanford, CA 94305 Stanford, CA 94305

[anniesab@stanford.edu](mailto:anniesab@stanford.edu) [vailm@stanford.edu](mailto:vailm@stanford.edu)

**Abstract**

This implementation project investigates multiple methods for reducing memory usage and decreasing training time on large sparse ratings matrices. Baseline estimate initialization

**1 Introduction**

Discuss the context of the problem, your motivation for looking at the problem, and clearly state the intended outcomes of the project (10%)

**1.1 Sub Intro If Necessary**

Intro continued

**2 Related Work**

Discuss at least 2 pieces of related literature (or software, if you're doing an implementation project) and how your project compares to them (5%)

**3 Data and Software Libraries**

Explicitly list all the datasets and library packages you used, what language your code was written in, and what you wrote from scratch. (If you're doing a theory paper, these 10 points will move to the methods section.) (5%)

**4 Methods**

Discuss your methodology-- this includes but is not limited to architecture description, software pipeline, algorithm description, optimization scheme. If you use methods from the course notes we expect you to briefly describe the method in your own words, but it should not take up the majority of this section (i.e. your methods section should not be only a rehash of the course notes.) (20%)

**5 Experimental Results and Analysis**

Show your results, and if appropriate, analyze them. Note that the weighting between the two will change depending on your project type: for visualization projects and network exploration projects we'll weight experiments more heavily, but for implementation projects and theory projects we'll weight the analysis more heavily. (40%)

**6 Conclusion**

Clearly summarize your results and describe a few potential avenues for future work. (5%)

**References**

**There are no sources in the current document.**