

Machine learning - Recommender System Project Report

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I. INTRODUCTION

II. DATA DESCRIPTION

III. RESULTS

- 1) *User Mean:*
- 2) *Item Mean:*
- 3) *Alternating Least Squares (ALS):*
- 4) *Alternating Least Squares with Regularization:*
- 5) *ALS with biases:* [1]
- 6) *Markov Chain Monte Carlo (MCMC):*

A. *Best results : Combining all the Results*

- 1) *Combining the Results:*
- 2) *Details of the results:*

IV. CONCLUSION

REFERENCES

- [1] Steffen Rendle. Factorization machines with libFM. *ACM Trans. Intell. Syst. Technol.*, 3(3):57:1–57:22, May 2012.