

Index

No.	Practical Title	Date	Teacher's Sign
1	Study and analyze the tool RecSim.		
2	a) Implement the User-User collaborative filtering and suggest recommendations for the users. b) Calculate Prediction for a particular user using methods of Cosine similarity, Euclidean distance, and Pearson correlation.		
3	a) Implement the Item-Item collaborative filtering and suggest recommendations for the users. b) Calculate Prediction for a particular user using methods of Cosine similarity, Euclidean distance, and Pearson correlation.		
4	Implement the SVD algorithm and analyze it.		
5	Implement the SVD++ algorithm and analyze it. Compare its results with the SVD algorithm.		
6	Implement the PAGE Rank algorithm and analyze it.		
7	Implement the linear threshold and independent cascade model for influence analysis.		
8	Implement the Jaccard and Adamic-Adar measures for link prediction.		