

KOHA SUMMER 2K16.

DATE: 07-06-2016.

RECOMMENDER SYSTEMS

- 1) CONTENT BASED RECOMMENDER SYSTEM.
- 2) COLLABORATIVE RECOMMENDER SYSTEM.
- 3) HYBRID RECOMMENDER SYSTEM.
- 4) DIMENSIONALITY REDUCTION TECHNIQUES.
- 5) RECOMMENDATION ACCURACY.

- **CONTENT BASED RECOMMENDER SYSTEMS**

Methods studied:-

- 1) tf-idf method.
- 2) Clustering.

- **COLLABORATIVE BASED RECOMMENDER SYSTEMS**

Methods studied :-

- 1) K-mean clustering.
- 2) L-pseudo inverse.
- 3) Commute time.
- 4) Reverse commute time.
- 5) Hitting time.
- 6) Max number of 3 length paths
- 7) S-step random walk distance.
- 8) Parameterized method ($P^3\alpha$)
- 9) Decision trees
- 10) Artificial Neural Networks.
- 11) Bayesian Networks.
- 12) Nearest neighbor (Cosine , Pearson-correlation ,KNNs).
- 13) Linear Regression.

- **DIMENSIONALITY REDUCTION CONSTRAINTS :-**

Matrix Factorisation.

- **RECOMMENDATION ACCURACY :-**

R.M.S.E.

KOHA

We met the DA and IIT Gandhinagar librarians and resolved some issues which includes placing an order.