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RECOMMENDER SYSTEM USING PAGERANKING

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Recommender System

Recommender systems aim to predict users' interests and recommend product items that quite likely are interesting for them.



Examples



"Jobs You Maybe Interested In"



"Recommended Videos"



"Recommended Images"



"Other Movies You May Enjoy"



"People You May Know"



"Customer who bought this item also bought..."

Dominating Algorithms in Current Recommender System

Collaborative Filtering

Collaborative filtering estimates the rating/ranking of target user based on the behavior of similar users.

Example:

Users		Item A	Item B	Item C
Pink		 ★★★★★	 ★★★★★	 ★★★★
Red		★★★★	★★★★★	★★★★★★
Grey		★★★	★★★★	?

Content Based Filtering

Content Filtering recommend items that are most similar to the articles that have previously been reviewed by the user.

Example:

