

Recommender System.

Recommender System:-

↳ Recommender System is NOT a system

that recommends arbitrary values for arbitrary problems.

↳ Recommender System is a very specific kind of Machine learning system. But systems that just recommend values for arbitrary problems that describes Machine Learning in general. that not's really a recommender system.

Examples for not a recommender system.

A system that recommends prices for a house you are selling → Not a recommender system.

What it is

A system that predicts ratings or preferences of a user might give to an item, is known as Recommender System.

↳ So, a recommender system is recom.

- mending things to people based on their past behavior.

↳ often these are sorted and presented as Top N Recommendations

↳ Also known as Recommender Engines, Recommendation Systems, Recommendation platforms.

Types of Recommenders:-

1. Recommending things

2. Recommending Content

3.) Recommending music.

4. Recommending people

5. Recommending search results

How Recommendation System works

↳ Based on the Implicit & Explicit explicit ratings:-

↳ Like (Liking a video/audio)

↳ rating \$5

Here like & ratings are used has to provide { If some users are lazy, they won't hit like / gives ratings even though they are interested ; so implicit ratings will provide for that

Implicit Ratings:

- ↳ products brought in the past
- ↳ Length of the video watched / audio listened

↳ Based on this interest recommendation system understands how much interest user is having.

Top N Recommender Architecture.

① Item Based collaborative filtering.

