

Drug recommendation system using review data

JiEun Song

Overview

There are multiple drugs available for a condition, and consumers often have difficulties choosing drugs for their conditions. My aim is to make a recommendation system for patients by predicting patients outcome using drug reviews.

I found my dataset from UCI Machine Learning Repository.

Columns

1. Drug name (text)
2. Condition (text)
3. Review (text)
4. Rating (numerical): 10 star patient rating
5. Date : date of review entry
6. Useful count (numerical): number of users who found review useful