eRaahi

Group : 69

Restaurant Recommender System
Tech Used

- NLTP

- PANDAS

- FOLIUM
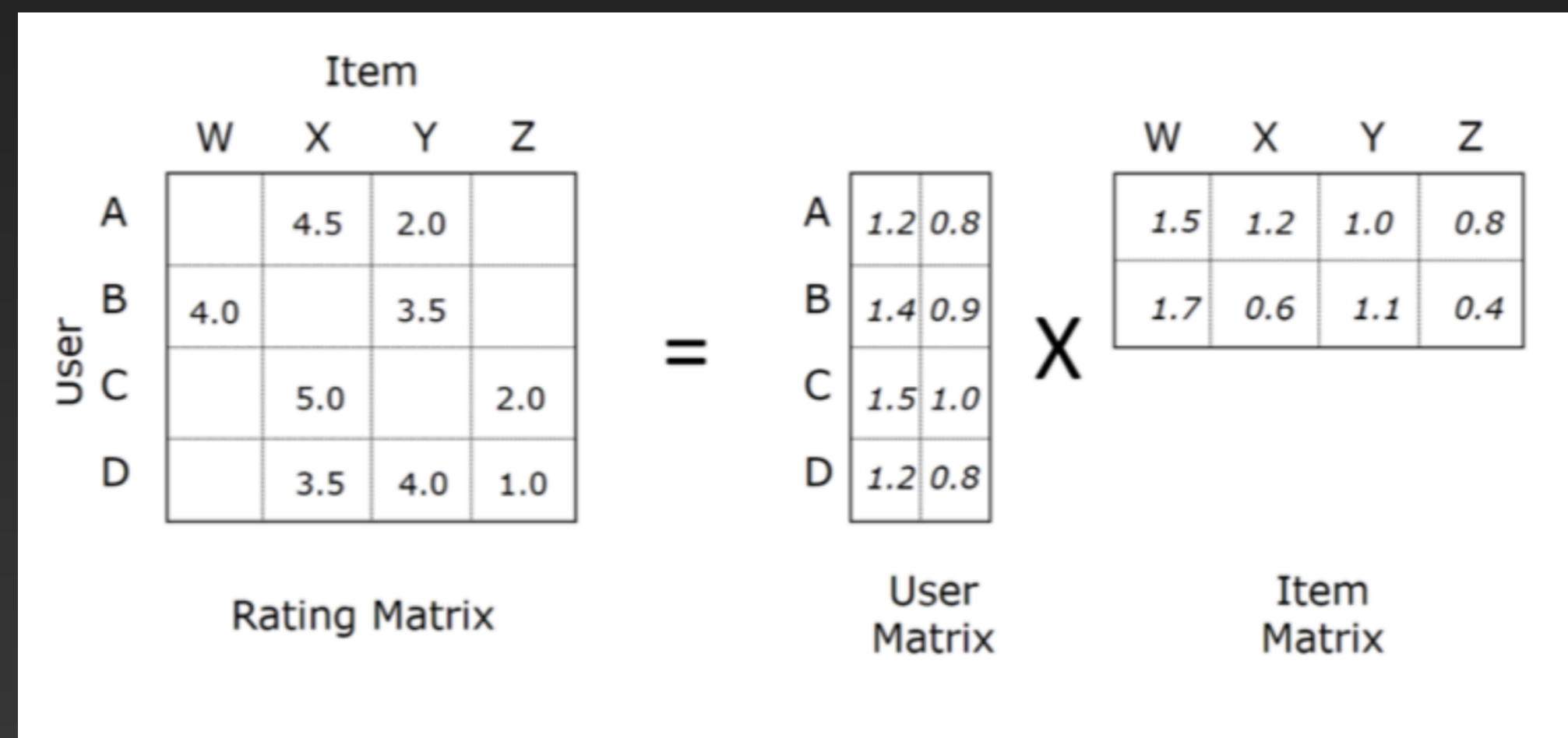
- SKLEARN

- FOURSQUARE API

Data Used

- Reviews and likes by users from FOURSQUARE API

PROBLEM STATEMENT

- Food is integral part of culture

- Cannot explore all places in short span of time

- Need recommendation using available data to make best possible choice

PROOF OF CONCEPT

- Reviews cleaned from common nouns, emojis etc to make them more machine friendly

- Reviews of users clubbed and features extracted by NLPT

- Reviews of venues clubbed and features extracted by NLTP

- Review Matrix created.

- Predict most relevant restaurant based on user search (inner product of feature vector of plain text and feature vector of business id).

- Fetch top 3 records

Dialog

Restaurant Recommender System

Enter Requirnments

Good Pizza

Submit

Recommendations

Mellow Mushroom : Charlotte
Vapiano : Charlotte
Augustiner am Gendarmenmarkt : Berlin