BUILDING A RESTAURANT RECOMMENDATION SYSTEM

BY FLIPPING - A - COIN -
DEVANSH SHRESHTHA
LAKSHAY CHAWLA
ROMMEL JALASUTRAM
VARNIKA VATSYAYAN

Univ.AI

DATASET

Yelp Dataset:
This dataset contained 5 tables -
1. User
2. Business
3. Checkin
4. Tip
5. Review

MODELS USED

We tried upon different techniques as -
1. Cosine Similarity based CF Filtering
2. Collaborative filtering using Stochastic Gradient
3. Hybrid model - Shown below.

REFERANCES

Dataset - https://www.yelp.com/dataset
Model Inspiration - https://towardsdatascience.com/modern-recommendation-systems-with-neural-networks-3cc06a6ded2c

FINAL MODEL USED