#User-based collaborative filtering recommender system with Auto Encoder

\*Repository Structure:\*

Training Notebook - Recommender.ipynb

Model files:

Recommender.py

model\AutoEncoders.py

model\Matrix\_Models.py

Dataset:

MovieLens.py

MovieLens4Colab.py

Raw Data:

ml-100k\.

## An implementation of U-Autorec with Fourier encoding of user and item information.

## U-Autorec with KAN