DS2000

4/4 - Tues.

Admin

- HW8 due Fri 9pm (no late submissions)

Agenda

1. Recommendation System
2. Ranking recommendations
3. Python

1. Rec System

Goal: rec shows to Laney for the summer

Algorithm: content based filtering

- Ask user about a show
- Find similar/same features in list of shows

TV Show Class (attributes)
- newness (1-10)
- popularity
- length
- indv rating
- title

Last Time

- TV Show class
    init method

- Driver
    - prompt user for info
    - make one object

To Do

- read in file
- make a list of objects } driver

- recommend shows ⅔ TVshow method

Future work

- user preferences
- user rating
- ~~rate &~~ rank shows

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2. Ranking Recommendations

- our csv file has ^50 shows
- maybe recommend ^10 of them

In real life: Netflix has ^5000 shows
    ↳ ~1000 recs (??.)

Filtering/rec : here are shows to watch

Ranking: what to watch first!

    ↳ Closest Euclidean distance