SUMMARY

These files contain 1,000,209 anonymous ratings of approximately 3,900 movies
made by 6,040 MovieLens users who joined MovieLens in 2000.

RATINGS FILE DESCRIPTION

All ratings are contained in the file "ratings.dat" and are in the following format:
UserID::MovieID::Rating::Timestamp
- UserIDs range between 1 and 6040
- MovieIDs range between 1 and 3952
- Ratings are made on a 5-star scale (whole-star ratings only)
- Timestamp is represented in seconds since the epoch as returned by time(2)
- Each user has at least 20 ratings

USERS FILE DESCRIPTION

User information is in the file "users.dat" and is in the following format:
UserID::Gender::Age::Occupation::Zip-code
All demographic information is provided voluntarily by the users and is not checked for accuracy. Only users who have provided some demographic information are included in this data set.
- Gender is denoted by a "M" for male and "F" for female
- Age is chosen from the following ranges:
        * 1: "Under 18"
        * 18: "18-24"
        * 25: "25-34"
        * 35: "35-44"
        * 45: "45-49"
        * 50: "50-55"
        * 56: "56+"
- Occupation is chosen from the following choices:
        * 0: "other" or not specified
        * 1: "academic/educator"
        * 2: "artist"
        * 3: "clerical/admin"
        * 4: "college/grad student"
        * 5: "customer service"
        * 6: "doctor/health care"
        * 7: "executive/managerial"
        * 8: "farmer"
        * 9: "homemaker"
        * 10: "K-12 student"
        * 11: "lawyer"
        * 12: "programmer"
        * 13: "retired"
        * 14: "sales/marketing"
        * 15: "scientist"
        * 16: "self-employed"
        * 17: "technician/engineer"
        * 18: "tradesman/craftsman"
        * 19: "unemployed"
        * 20: "writer"

MOVIES FILE DESCRIPTION
Movie information is in the file "movies.dat" and is in the following
format:
MovieID::Title::Genres
- Titles are identical to titles provided by the IMDB (including
year of release)
- Genres are pipe-separated and are selected from the following genres:
    * Action
    * Adventure
    * Animation
    * Children's
    * Comedy
    * Crime
    * Documentary
    * Drama
    * Fantasy
    * Film-Noir
    * Horror
    * Musical
    * Mystery
    * Romance
    * Sci-Fi
    * Thriller
    * War
    * Western
- Some MovieIDs do not correspond to a movie due to accidental duplicate
entries and/or test entries
- Movies are mostly entered by hand, so errors and inconsistencies may
exist