# MovieLens

GroupLens Research has collected and made available rating data sets from the MovieLens web site (http://movielens.org (http://movielens.org)). The data sets were collected over various periods of time, depending on the size of the set. Before using these data sets, please review their README files for the usage licenses and other details.

**Help our research lab**: Please take a short survey (http://goo.gl/forms/rB7avjDAzG) about the MovieLens datasets

## MovieLens 100K Dataset

Stable benchmark dataset. 100,000 ratings from 1000 users on 1700 movies. Released 4/1998.

- README.txt (http://files.grouplens.org/datasets/movielens/ml-100k-README.txt)
- ml-100k.zip (http://files.grouplens.org/datasets/movielens/ml-100k.zip) (size: 5 MB, checksum (http://files.grouplens.org/datasets/movielens/ml-100k.zip.md5))
- Index of unzipped files (http://files.grouplens.org/datasets/movielens/ml-100k/)

Permalink: http://grouplens.org/datasets/movielens/100k/ (http://grouplens.org/datasets/movielens/100k/)

## MovieLens 1M Dataset

Stable benchmark dataset. 1 million ratings from 6000 users on 4000 movies. Released 2/2003.

- README.txt (http://files.grouplens.org/datasets/movielens/ml-1m-README.txt)
- ml-1m.zip (http://files.grouplens.org/datasets/movielens/ml-1m.zip) (size: 6 MB, checksum (http://files.grouplens.org/datasets/movielens/ml-1m.zip.md5))

Permalink: http://grouplens.org/datasets/movielens/1m/ (http://grouplens.org/datasets/movielens/1m/)

## MovieLens 10M Dataset

Stable benchmark dataset. 10 million ratings and 100,000 tag applications applied to 10,000 movies by 72,000 users. Released 1/2009.

- README.html (http://files.grouplens.org/datasets/movielens/ml-10m-README.html)
- ml-10m.zip (http://files.grouplens.org/datasets/movielens/ml-10m.zip) (size: 63 MB, checksum (http://files.grouplens.org/datasets/movielens/ml-10m.zip.md5))

Permalink: http://grouplens.org/datasets/movielens/10m/ (http://grouplens.org/datasets/movielens/10m/)

## MovieLens 20M Dataset

Stable benchmark dataset. 20 million ratings and 465,000 tag applications applied to 27,000 movies by 138,000 users. Released 4/2015.

- README.html (http://files.grouplens.org/datasets/movielens/ml-20m-README.html)
- ml-20m.zip (http://files.grouplens.org/datasets/movielens/ml-20m.zip) (size: 132 MB, checksum (http://files.grouplens.org/datasets/movielens/ml-20m.zip.md5))

Permalink: http://grouplens.org/datasets/movielens/20m/ (http://grouplens.org/datasets/movielens/20m/)

## MovieLens Latest Datasets

These datasets will change over time, and are not appropriate for reporting research results. We will keep the download links stable for automated downloads. We will not archive or make available previously released versions.

*Small*: 100,000 ratings and 6,100 tag applications applied to 10,000 movies by 700 users. Last updated 1/2016.

- README.html (http://files.grouplens.org/datasets/movielens/ml-latest-small-README.html)
- ml-latest-small.zip (http://files.grouplens.org/datasets/movielens/ml-latest-small.zip) (size: 1 MB)

*Full*: 22,000,000 ratings and 580,000 tag applications applied to 33,000 movies by 240,000 users. Last updated 1/2016.

- README.html (http://files.grouplens.org/datasets/movielens/ml-latest-README.html)
- ml-latest.zip (http://files.grouplens.org/datasets/movielens/ml-latest.zip) (size: 144 MB)

Permalink: http://grouplens.org/datasets/movielens/latest/ (http://grouplens.org/datasets/movielens/latest/)

## MovieLens Tag Genome Dataset

11 million computed tag-movie relevance scores from a pool of 1,100 tags applied to 10,000 movies.

- README.html (http://files.grouplens.org/datasets/tag-genome/README.html)
- tag-genome.zip (http://files.grouplens.org/datasets/tag-genome/tag-genome.zip) (size: 41 MB)

Permalink: http://grouplens.org/datasets/movielens/tag-genome/ (http://grouplens.org/datasets/movielens/tag-genome/)

# Datasets

MovieLens (http://grouplens.org/datasets/movielens/)

HetRec 2011 (http://grouplens.org/datasets/hetrec-2011/)

WikiLens (http://grouplens.org/datasets/wikilens/)

Book-Crossing (http://grouplens.org/datasets/book-crossing/)

Jester (http://grouplens.org/datasets/jester/)

EachMovie (http://grouplens.org/datasets/eachmovie/)