

Verkefni 3 - Meðmælakerfi

Þróun hugbúnaðar

Hópur 25 - The Gits

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Yfirlit

- Kerfið byggir á samvinnusíum
- Notast var við MovieLens 100k gagnasafnið
- SQL gagnagrunnur notaður til að halda utan um gögnin.
- Fylgnistuðlar reiknaðir til að finna út hve "líkir" notendur eru.

Hönnun

- Notast við SQLite
 - Lítill, nettur og þægilegur gagnagrunnur
 - Geymdur sem skrá
- Pearson reikniritið notað til að finna fylgnistuðul milli notenda
- Hægt að bæta við notendum, myndum og einkunnum

Forritið í notkun



Forritöð í notkun

ModMeUp

What do you want to do?

=====

- [1] create a user
- [2] add a movie.
- [3] add a rating.
- [4] find similar users
- [5] get recommendations
- [6] QUIT

=====

>> 1

To create a user type your information as such 'age,gender,occupation,zipcode'

>> 22,M,student,90210

You have added a user:

age:22, gender:M, occupation:student, zipcode:90210

Your new user has the user id:944

Press enter to continue

=====

- [1] create a user
- [2] add a movie.
- [3] add a rating.
- [4] find similar users
- [5] get recommendations
- [6] QUIT

=====

>> 3

To add a rating type your information as such 'uid,mid,rating

>> 944,2,4

You have given GoldenEye (1995) (2) a rating of 4.0

Press enter to continue

Forritið í notkun

...fleiri myndum (5 total) var gefið einkunn...Getum svo fengið lista yfir svipaða notendur

```
=====
[1] create a user
[2] add a movie.
[3] add a rating.
[4] find similar users
[5] get recommendations
[6] QUIT
=====
>> 4
To see similar users, enter a valid user ID, such as: 1, 2, 3, 4, 5
>> 944
You have chosen user: 944
{2: 4.0, 22: 5.0, 41: 4.0, 56: 5.0, 78: 2.0, 673: 5.0}
Building correlations... This may take a moment
Your most similar users are:
417 : 100.00% match!
896 : 100.00% match!
268 : 100.00% match!
194 : 100.00% match!
387 : 100.00% match!
291 : 100.00% match!
653 : 100.00% match!
374 : 100.00% match!
373 : 100.00% match!
407 : 100.00% match!
774 : 100.00% match!
102 : 100.00% match!
49 : 100.00% match!
495 : 100.00% match!
868 : 100.00% match!
807 : 100.00% match!
379 : 100.00% match!
56 : 100.00% match!
174 : 100.00% match!
```

Forritið í notkun

og/eða fengið meðmæli

```
=====
[1] create a user
[2] add a movie.
[3] add a rating.
[4] find similar users
[5] get recommendations
[6] QUIT
=====
>> 5
To get recommendations for a user, enter a valid user ID, such as: 1, 2, 3, 4, 5
>> 944
You have chosen user: 944
{2: 4.0, 41: 4.0, 56: 5.0, 78: 2.0}
Building correlations... This may take a moment
Your recommended movies:
Hurricane Streets (1998) (1607) (your weighted recommendation score: 5.000000)
Primary Colors (1998) (915) (your weighted recommendation score: 4.854497)
Wallace & Gromit: The Best of Aardman Animation (1996) (114) (your weighted recommendation score: 4.712119)
Wrong Trousers, The (1993) (169) (your weighted recommendation score: 4.679163)
Kundun (1997) (900) (your weighted recommendation score: 4.658341)
Shawshank Redemption, The (1994) (64) (your weighted recommendation score: 4.609646)
War Room, The (1993) (1141) (your weighted recommendation score: 4.510069)
Close Shave, A (1995) (408) (your weighted recommendation score: 4.502247)
Hard Eight (1996) (1143) (your weighted recommendation score: 4.500000)
Godfather, The (1972) (127) (your weighted recommendation score: 4.499486)
```

Forritið í notkun

Getum einnig bætt mynd í safnið

```
ModMeUp
What do you want to do?

=====
[1] create a user
[2] add a movie.
[3] add a rating.
[4] find similar users
[5] get recommendations
[6] QUIT
=====
>> 2
To add a movie type your information as such 'movietitle,releasedate,imdburl'
>> Contraband,2012,http://www.imdb.com/title/tt1524137/
You have added a movie:
name:Contraband,2012,http://www.imdb.com/title/tt1524137/ id:1683
Press enter to continue

=====
[1] create a user
[2] add a movie.
[3] add a rating.
[4] find similar users
[5] get recommendations
[6] QUIT
=====
>> 6
Thank you, come again!
```


Forritið í notkun

Og gefið henni einkunn

```
ModMeUp
```

```
What do you want to do?
```

```
=====
```

```
[1] create a user
```

```
[2] add a movie.
```

```
[3] add a rating.
```

```
[4] find similar users
```

```
[5] get recommendations
```

```
[6] QUIT
```

```
=====
```

```
>> 3
```

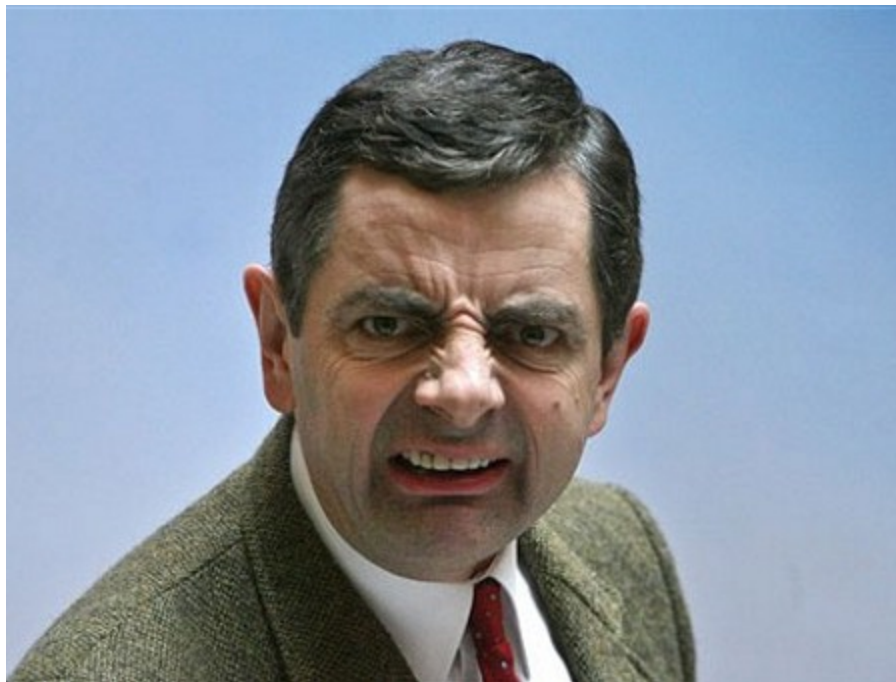
```
To add a rating type your information as such 'uid,mid,rating
```

```
>> 944,1683,4
```

```
You have given Contraband,2012,http://www.imdb.com/title/tt1524137/ (1683) a rating of 4.0
```

```
Press enter to continue█
```

Vandkvæði sem komu upp



Vandkvæði sem komu upp

... Gísli að trola

... aðrir áfangar

... vinna

... (ó)makar

... stærðfræði

Annars var þetta bara makalaust fjör!

Takk fyrir

