

# GESTIÓN DE DATOS: PRÁCTICA 2

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En esta práctica, trabajaremos con dos conjuntos de datos. Por un lado, un conjunto de datos llamado `movies.csv`, y otro llamado `ratings.csv`. El objetivo de la práctica será realizar 2 análisis diferentes:

- Para cada año de los que haya información, lista de géneros con la media de puntuación para cada uno, ordenados de mayor a menor según esta media.
- Para cada uno de los géneros encontrados, evolución de las puntuaciones medias anuales a lo largo de los años. Para esto, se documentarán los pasos seguidos y las decisiones tomadas a la hora de trabajar con los conjuntos de datos.

```
In [ ]: import pandas as pd
import numpy as np
from itertools import chain
import time
```

CARGA DE DATOS

```
In [ ]: movies = pd.read_csv("movies.csv")
ratings = pd.read_csv("ratings.csv")
```

```
In [ ]: movies.head()
```

	<b>moviedb</b>	<b>title</b>	<b>genres</b>
<b>0</b>	1	Toy Story (1995)	Adventure Animation Children Comedy Fantasy
<b>1</b>	2	Jumanji (1995)	Adventure Children Fantasy
<b>2</b>	3	Grumpier Old Men (1995)	Comedy Romance
<b>3</b>	4	Waiting to Exhale (1995)	Comedy Drama Romance
<b>4</b>	5	Father of the Bride Part II (1995)	Comedy

```
In [ ]: movies.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 62423 entries, 0 to 62422
Data columns (total 3 columns):
 #   Column   Non-Null Count  Dtype  
 ---  --       --           --      
 0   movieId  62423 non-null   int64  
 1   title    62423 non-null   object 
 2   genres   62423 non-null   object 
dtypes: int64(1), object(2)
memory usage: 1.4+ MB
```

```
In [ ]: ratings.head()
```

```
Out[ ]:   userId  movieId  rating  timestamp
          0        1      296     5.0  1147880044
          1        1      306     3.5  1147868817
          2        1      307     5.0  1147868828
          3        1      665     5.0  1147878820
          4        1      899     3.5  1147868510
```

```
In [ ]: ratings.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 25000095 entries, 0 to 25000094
Data columns (total 4 columns):
 #   Column      Dtype  
--- 
 0   userId      int64  
 1   movieId     int64  
 2   rating       float64
 3   timestamp    int64  
dtypes: float64(1), int64(3)
memory usage: 762.9 MB
```

Se han imprimido los primeros 5 datos de ambos conjuntos de datos, e información sobre cada uno de ellos. Para el primer conjunto de datos, podemos ver que tiene un total de 62423 datos, distribuidos en los atributos `movieID`, `title` y `genre`. Por otro lado, el segundo tiene un total de 25000095 entradas, distribuidas en `userID`, `movieID`, `rating` y `timestamp`.

#### MISSING VALUES AND DUPLICATED VALUES

```
In [ ]: movies.isnull().sum()
```

```
Out[ ]: movieId      0
        title       0
        genres      0
        dtype: int64
```

En el caso de `movies`, no hay ningún dato nulo.

```
In [ ]: ratings.isnull().sum()
```

```
Out[ ]: userId         0
        movieId       0
        rating        486831
        timestamp     0
        dtype: int64
```

```
In [ ]: ratings = ratings.dropna()
        ratings.shape
```

```
Out[ ]: (24513264, 4)
```

En el caso de `ratings`, vemos que hay 486831 datos nulos en el atributo `rating`, los cuales eliminaremos pues aún quedan 24513264 datos en `ratings`, suficiente para hacer estadística. Ahora, estudiaremos los datos duplicados y los eliminaremos, pues no dan información, pueden dar lugar a problemas de interferencia y hacen el archivo más pesado.

```
In [ ]: movies = movies.drop_duplicates()
movies.shape
```

```
Out[ ]: (62423, 3)
```

En el caso de movies, vemos como el dataset sigue teniendo el mismo tamaño, por lo que no hay datos duplicados.

```
In [ ]: ratings = ratings.drop_duplicates()
ratings.shape
```

```
Out[ ]: (24512593, 4)
```

En este caso, en cambio, vemos como la dimensión es menor. De hecho, hemos encontrado  $24513264 - 24512593 = 671$  datos duplicados. Estos corresponden a críticas que han dado el mismo crítico sobre la misma película, donde se ha asignado la misma nota. Por ello, podemos eliminar estos datos.

#### VALORES PERDIDOS

Ahora, haremos un análisis del conjunto de datos `movies`, donde estudiaremos si existen películas cuya asociación está mal hecha; es decir, pueden existir películas cuyos títulos estén mal puestos, asociados a `movieID` en formatos equivocados o que se desconozca el género. Empezamos con el campo `movieID`.

```
In [ ]: np.isreal(movies["movieId"]).sum()
```

```
Out[ ]: 62423
```

Como podemos ver, todas las etiquetas son números reales.

```
In [ ]: generos = list(genre.split("|") for genre in movies["genres"])
print(np.unique(list(chain.from_iterable(generos))))
```

```
['(no genres listed)' 'Action' 'Adventure' 'Animation' 'Children' 'Comedy'
 'Crime' 'Documentary' 'Drama' 'Fantasy' 'Film-Noir' 'Horror' 'IMAX'
 'Musical' 'Mystery' 'Romance' 'Sci-Fi' 'Science fiction' 'Thriller' 'War'
 'Western']
```

Como se puede observar, además de los géneros esperados, existe la etiqueta `(no genres listed)`, la cual no da información, así que nos desharemos de los datos que lo contengan.

```
In [ ]: len_movies = len(movies)
movies = movies[movies["genres"] != "(no genres listed)"]
print("El numero de filas con genres=""(no genres listed)"" es:", len_movies - len(m
```

```
El numero de filas con genres=(no genres listed) es: 5062
```

Hemos eliminado aquellas filas que contienen `(no genres listed)`.

Ahora, trataremos el conjunto de datos `ratings`. Primero, deberemos comprobar que el campo `movieID` sea válido, pues será el campo que usaremos para cruzar los conjuntos de datos. También comprobaremos que `rating` sean números deales en  $[0, 5]$ . Por último, haremos un análisis del atributo `timestamp`.

```
In [ ]: np.isreal(ratings["movieId"]).sum()
```

```
Out[ ]: 24512593
```

No parece haber ningún problema. A la hora de analizar `rating`, sabemos que las notas, si están presentes, deben estar comprendidas entre 0 y 5, espaciadas por 0.5. Veremos si esto se cumple.

```
In [ ]: len_ratings = len(ratings)
values = np.linspace(0, 5, 11)
print("Las diferentes clasificaciones son:", ratings["rating"].unique())
ratings = ratings.dropna(subset=["rating"])
ratings = ratings[np.isreal(ratings["rating"])]
ratings = ratings[ratings["rating"].isin(values)]
print("El número de filas inválidas en ratings es", len_ratings - len(ratings))
```

```
Las diferentes clasificaciones son: [ 5.   3.5  4.   2.5  4.5  3.   0.5  2.   1.
1.5 -2.  -4.  5.5 -1.5
10.  -3.  9.   7.5 -4.5 -2.5 -1.  -0.5  7.  -5.   8.5  9.5  8.   2.2
6.5  6.   1.1  4.4  0.7  3.3]
```

```
El número de filas inválidas en ratings es 619225
```

Haremos lo mismo para el campo `timestamp`.

```
In [ ]: len_ratings = len(ratings)
ratings = ratings.dropna(subset=["timestamp"])
ratings = ratings[np.isreal(ratings["timestamp"])]
ratings = ratings[(ratings["timestamp"] >= 0) & (ratings["timestamp"] <= time.time())]
print("El número de filas inválidas en ratings es", len_ratings - len(ratings))
```

```
El número de filas inválidas en ratings es 0
```

Antes de seguir, tenemos que tener en cuenta que para poder organizar las películas por año, las películas deben tener indicado el año en el que se estrenaron después del título, entre paréntesis.

```
In [ ]: movies = movies.reset_index()
ratings = ratings.reset_index()
```

```
In [ ]: def iserror(func, *args, **kw):
    try:
        func(*args, **kw)
        return False
    except Exception:
        return True
```

Quitamos las películas que no tengan en sus últimas posiciones el año en el que salieron.

```
In [ ]: index = []
for i in range(len(movies["title"])):
    if (iserror(int, movies["title"][i][-5:-1])):
        index.append(i)
movies = movies.drop(index)
```

```
In [ ]: movies.index = pd.RangeIndex(start=0, stop=len(movies), step=1)
list_year = []
for i in range(len(movies["title"])):
    list_year.append(int(movies["title"][i][-5:-1]))
movies["year"] = list_year
```

```
In [ ]: movies.head()
```

	index	movieId	title	genres	year
0	0	1	Toy Story (1995)	Adventure Animation Children Comedy Fantasy	1995
1	1	2	Jumanji (1995)	Adventure Children Fantasy	1995
2	2	3	Grumpier Old Men (1995)	Comedy Romance	1995
3	3	4	Waiting to Exhale (1995)	Comedy Drama Romance	1995
4	4	5	Father of the Bride Part II (1995)	Comedy	1995

```
In [ ]: movies.shape
```

```
Out[ ]: (57059, 5)
```

Como podemos observar, hemos eliminado 302 datos del conjunto de datos en donde los títulos de las películas no tenían al final el año en el que salieron.

```
In [ ]: ratings.shape
```

```
Out[ ]: (23893368, 5)
```

Ya hemos terminado con la limpieza de datos duplicados o mal clasificados. A continuación, realizaremos los 2 análisis que se piden.

## EJERCICIO 1

En primer lugar, debemos transformar el conjunto de datos `movies` para poder trabajar mejor con él. Para ello, realizaremos un `explode`, es decir, dividiremos el grupo de géneros que tiene asociada cada película y crearemos filas nuevas donde cada película tiene únicamente asociado un único género. De tal manera que tendremos muchas más filas pero será mucho más fácil trabajar con el dataset.

```
In [ ]: movies_split = []
for i in range(len(movies)):
    movies_split.append(movies["genres"][i].split("|"))
movies["genres_split"] = movies_split
```

```
In [ ]: movies = movies.drop("genres", axis=1)
```

```
In [ ]: movies = movies.explode("genres_split")
movies.index = pd.RangeIndex(start=0, stop=len(movies), step=1)
```

In [ ]: `movies.head()`

Out[ ]:

	<b>index</b>	<b>movied</b>	<b>title</b>	<b>year</b>	<b>genres_split</b>
<b>0</b>	0	1	Toy Story (1995)	1995	Adventure
<b>1</b>	0	1	Toy Story (1995)	1995	Animation
<b>2</b>	0	1	Toy Story (1995)	1995	Children
<b>3</b>	0	1	Toy Story (1995)	1995	Comedy
<b>4</b>	0	1	Toy Story (1995)	1995	Fantasy

In [ ]: `ratings.head()`

Out[ ]:

	<b>index</b>	<b>userId</b>	<b>movied</b>	<b>rating</b>	<b>timestamp</b>
<b>0</b>	0	1	296	5.0	1147880044
<b>1</b>	1	1	306	3.5	1147868817
<b>2</b>	2	1	307	5.0	1147868828
<b>3</b>	3	1	665	5.0	1147878820
<b>4</b>	4	1	899	3.5	1147868510

Ahora, podemos realizar un inner join de los dos conjuntos de datos, mediante el campo `movieId`, que es el único campo que tienen en común.

In [ ]: `merged_df = movies.merge(ratings, how="inner", on="movieId")`

In [ ]: `merged_df.head()`

Out[ ]:

	<b>index_x</b>	<b>movied</b>	<b>title</b>	<b>year</b>	<b>genres_split</b>	<b>index_y</b>	<b>userId</b>	<b>rating</b>	<b>timestamp</b>
<b>0</b>	0	1	Toy Story (1995)	1995	Adventure	70	2	3.5	1141415820
<b>1</b>	0	1	Toy Story (1995)	1995	Adventure	254	3	4.0	1439472215
<b>2</b>	0	1	Toy Story (1995)	1995	Adventure	910	4	3.0	1573944252
<b>3</b>	0	1	Toy Story (1995)	1995	Adventure	1152	5	4.0	858625949
<b>4</b>	0	1	Toy Story (1995)	1995	Adventure	1304	8	4.0	890492517

Antes de imprimir las listas, hablaremos un poco de la precisión final obtenida tras haber editado ambos conjuntos de datos.

- Por un lado, en el caso del dataset `movies`, hemos pasado de tener inicialmente 62423 datos, a 57059, antes de realizar el explode. Se han eliminado las entradas de películas las cuales no tenían género asociado y aquellas que no estaba especificada en la última posición el año que salió la película. Aún así, nos hemos quedado con aproximadamente un 91,4 % de los datos que teníamos inicialmente, una cantidad muy alta. Por ello, podemos suponer que respecto al conjunto de datos `movies`, perderemos una información insignificante para el análisis.

- Por otro lado, a la hora de limpiar el conjunto de datos `ratings`, hemos pasado de tener inicialmente 25000095 entradas a tener al final 23893368. Es decir, finalmente nos hemos quedado con un 95.6 % de los datos, que es una cantidad suficientemente alta para hacer inferencia. Cabe mencionar que los datos eliminados son aquellos que estaban vacíos, estaban repetidos o las calificaciones de estas mismas películas no pertenecían a las notas que esperábamos (una puntuación desde 0 hasta 5 en saltos de 0.5 unidades).

Dicho esto, se puede concluir que pese a que se hayan eliminado datos que podrían contaminar nuestros resultados, el análisis resultante será bueno ya que trabajaremos con una cantidad lo suficientemente grande de datos.

Para cada año, lista de géneros con la media de puntuación para cada uno, ordenados de mayor a menor.

```
In [ ]: genres_av = merged_df[["year", "genres_split", "rating"]].groupby(["year", "genres_s
```

```
In [ ]: pd.set_option("display.max_rows", None)
genres_av.sort_values(by=["year", "rating"], ascending=False)
```

Out[ ]:

		rating
year	genres_split	
2019	<b>Adventure</b>	3.567690
	<b>Sci-Fi</b>	3.502985
	<b>Action</b>	3.452520
	<b>Crime</b>	3.427991
	<b>Drama</b>	3.410363
	<b>Documentary</b>	3.380627
	<b>Thriller</b>	3.307636
	<b>Animation</b>	3.305789
	<b>Children</b>	3.304555
	<b>Comedy</b>	3.267308
	<b>Mystery</b>	3.259706
	<b>Romance</b>	3.228546
	<b>Fantasy</b>	3.155644
	<b>War</b>	3.155405
	<b>Western</b>	3.129213
	<b>Horror</b>	3.099531

year	genres_split	rating
<b>2018</b>	<b>Animation</b>	3.736659
	<b>Documentary</b>	3.655114
	<b>Adventure</b>	3.599103
	<b>Western</b>	3.561042
	<b>Action</b>	3.539299
	<b>Comedy</b>	3.516726
	<b>Sci-Fi</b>	3.516519
	<b>Drama</b>	3.486911
	<b>War</b>	3.435484
	<b>Crime</b>	3.402313
	<b>Children</b>	3.399897
	<b>Thriller</b>	3.312052
	<b>Romance</b>	3.301823
	<b>Horror</b>	3.275161
	<b>Mystery</b>	3.264434
	<b>Fantasy</b>	3.242661
<b>2017</b>	<b>War</b>	3.697134
	<b>Documentary</b>	3.662528
	<b>Crime</b>	3.624941
	<b>Children</b>	3.612224
	<b>Adventure</b>	3.594180
	<b>Sci-Fi</b>	3.588850
	<b>Animation</b>	3.572924
	<b>Action</b>	3.568975
	<b>Drama</b>	3.528043
	<b>Romance</b>	3.503872
	<b>Fantasy</b>	3.462031
	<b>Thriller</b>	3.440525
	<b>Mystery</b>	3.436900
	<b>Horror</b>	3.386860
	<b>Comedy</b>	3.336824
	<b>Western</b>	3.095051

year	genres_split	rating
<b>2016</b>	<b>Documentary</b>	3.748803
	<b>Children</b>	3.697815
	<b>War</b>	3.684491
	<b>Animation</b>	3.664502
	<b>Drama</b>	3.613196
	<b>Romance</b>	3.594419
	<b>Adventure</b>	3.593487
	<b>Sci-Fi</b>	3.568465
	<b>Fantasy</b>	3.531852
	<b>Comedy</b>	3.516651
	<b>Action</b>	3.502759
	<b>Mystery</b>	3.482802
	<b>Thriller</b>	3.469921
	<b>Crime</b>	3.400887
	<b>Western</b>	3.348148
	<b>Horror</b>	3.007513
<b>2015</b>	<b>Western</b>	3.752665
	<b>IMAX</b>	3.738913
	<b>Drama</b>	3.688328
	<b>Documentary</b>	3.682858
	<b>Fantasy</b>	3.654205
	<b>Animation</b>	3.653146
	<b>Adventure</b>	3.649866
	<b>War</b>	3.634823
	<b>Sci-Fi</b>	3.622524
	<b>Children</b>	3.599188
	<b>Thriller</b>	3.543972
	<b>Crime</b>	3.518644
	<b>Comedy</b>	3.487811
	<b>Action</b>	3.481154
	<b>Mystery</b>	3.424315
	<b>Romance</b>	3.341272
	<b>Musical</b>	3.213333
	<b>Horror</b>	3.119894

year	genres_split	rating
------	--------------	--------

<b>2014</b>	<b>War</b>	3.767227
	<b>Drama</b>	3.719227
	<b>Animation</b>	3.711868
	<b>IMAX</b>	3.689642
	<b>Thriller</b>	3.687588
	<b>Documentary</b>	3.674113
	<b>Sci-Fi</b>	3.673040
	<b>Action</b>	3.561075
	<b>Comedy</b>	3.554335
	<b>Adventure</b>	3.528084
	<b>Romance</b>	3.499790
	<b>Crime</b>	3.476680
	<b>Mystery</b>	3.450163
	<b>Fantasy</b>	3.448187
	<b>Children</b>	3.441202
	<b>Horror</b>	3.247259
	<b>Western</b>	3.139575
	<b>Musical</b>	3.128928

year	genres_split	rating
------	--------------	--------

<b>2013</b>	<b>War</b>	3.660424
	<b>Romance</b>	3.643834
	<b>Mystery</b>	3.643616
	<b>Drama</b>	3.643280
	<b>Documentary</b>	3.635170
	<b>Sci-Fi</b>	3.495950
	<b>Crime</b>	3.485272
	<b>Animation</b>	3.477639
	<b>Musical</b>	3.475168
	<b>Thriller</b>	3.456186
	<b>Comedy</b>	3.437091
	<b>IMAX</b>	3.430331
	<b>Adventure</b>	3.429715
	<b>Fantasy</b>	3.387173
	<b>Children</b>	3.377477
	<b>Action</b>	3.375109
	<b>Horror</b>	3.234017
	<b>Western</b>	2.965088
	<b>Film-Noir</b>	2.908163

year	genres_split	rating
------	--------------	--------

<b>2012</b>	<b>Western</b>	4.001955
	<b>Documentary</b>	3.690343
	<b>Crime</b>	3.674627
	<b>Drama</b>	3.631248
	<b>Romance</b>	3.629049
	<b>Adventure</b>	3.599593
	<b>IMAX</b>	3.581591
	<b>Action</b>	3.580912
	<b>Animation</b>	3.570801
	<b>Sci-Fi</b>	3.500033
	<b>War</b>	3.476899
	<b>Comedy</b>	3.474196
	<b>Thriller</b>	3.467229
	<b>Musical</b>	3.450459
	<b>Children</b>	3.441526
	<b>Fantasy</b>	3.364133
	<b>Mystery</b>	3.319745
	<b>Horror</b>	3.248746
	<b>Film-Noir</b>	2.693939

		rating
--	--	--------

year	genres_split	rating
2011	<b>Film-Noir</b>	3.786749
	<b>Documentary</b>	3.737517
	<b>Mystery</b>	3.637024
	<b>Drama</b>	3.631597
	<b>Crime</b>	3.542929
	<b>Thriller</b>	3.532142
	<b>Sci-Fi</b>	3.463194
	<b>War</b>	3.462994
	<b>Romance</b>	3.453105
	<b>Action</b>	3.435514
	<b>Comedy</b>	3.432102
	<b>Adventure</b>	3.429240
	<b>Fantasy</b>	3.395618
	<b>IMAX</b>	3.392172
	<b>Musical</b>	3.383060
	<b>Children</b>	3.262099
	<b>Animation</b>	3.260930
	<b>Western</b>	3.137817
	<b>Horror</b>	2.966775

year	genres_split	rating
------	--------------	--------

<b>2010</b>	<b>Mystery</b>	3.967976
	<b>Crime</b>	3.899351
	<b>Sci-Fi</b>	3.765784
	<b>IMAX</b>	3.748093
	<b>Documentary</b>	3.738070
	<b>Animation</b>	3.730430
	<b>Drama</b>	3.712057
	<b>Musical</b>	3.706708
	<b>Children</b>	3.668253
	<b>Western</b>	3.638267
	<b>Thriller</b>	3.625973
	<b>Action</b>	3.568370
	<b>Fantasy</b>	3.527316
	<b>Adventure</b>	3.486493
	<b>Comedy</b>	3.467182
	<b>War</b>	3.442459
	<b>Romance</b>	3.400124
	<b>Horror</b>	3.155756
	<b>Film-Noir</b>	2.975430

year	genres_split	rating
------	--------------	--------

<b>2009</b>	<b>War</b>	3.945521
	<b>Mystery</b>	3.708201
	<b>Children</b>	3.696221
	<b>Animation</b>	3.693907
	<b>Documentary</b>	3.618492
	<b>Adventure</b>	3.611993
	<b>IMAX</b>	3.606696
	<b>Drama</b>	3.598260
	<b>Crime</b>	3.546569
	<b>Romance</b>	3.517321
	<b>Action</b>	3.512324
	<b>Sci-Fi</b>	3.491660
	<b>Fantasy</b>	3.470104
	<b>Thriller</b>	3.439797
	<b>Comedy</b>	3.404766
	<b>Film-Noir</b>	3.289562
	<b>Horror</b>	3.210475
	<b>Musical</b>	3.116498
	<b>Western</b>	2.712329

year	genres_split	rating
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<b>2008</b>	<b>IMAX</b>	3.914908
	<b>Crime</b>	3.762878
	<b>Animation</b>	3.738467
	<b>Documentary</b>	3.699944
	<b>Children</b>	3.671025
	<b>Drama</b>	3.660277
	<b>War</b>	3.576117
	<b>Action</b>	3.552754
	<b>Romance</b>	3.546243
	<b>Sci-Fi</b>	3.537352
	<b>Adventure</b>	3.459405
	<b>Musical</b>	3.458944
	<b>Mystery</b>	3.400495
	<b>Comedy</b>	3.315482
	<b>Fantasy</b>	3.283018
	<b>Thriller</b>	3.274788
	<b>Western</b>	3.266934
	<b>Horror</b>	3.251002
	<b>Film-Noir</b>	3.068182

year	genres_split	rating
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<b>2007</b>	<b>Western</b>	3.849783
	<b>Crime</b>	3.703065
	<b>Drama</b>	3.653230
	<b>Documentary</b>	3.648562
	<b>Mystery</b>	3.647312
	<b>War</b>	3.572584
	<b>Animation</b>	3.485985
	<b>Romance</b>	3.463749
	<b>Action</b>	3.458040
	<b>Thriller</b>	3.445525
	<b>Children</b>	3.442141
	<b>Musical</b>	3.430992
	<b>IMAX</b>	3.415531
	<b>Comedy</b>	3.410153
	<b>Fantasy</b>	3.392077
	<b>Adventure</b>	3.387156
	<b>Horror</b>	3.346591
	<b>Sci-Fi</b>	3.309614
	<b>Film-Noir</b>	3.191489

year	genres_split	rating
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<b>2006</b>	<b>War</b>	3.756292
	<b>Sci-Fi</b>	3.726367
	<b>Drama</b>	3.707140
	<b>Documentary</b>	3.699109
	<b>Crime</b>	3.688199
	<b>Thriller</b>	3.682991
	<b>Mystery</b>	3.647512
	<b>Romance</b>	3.549861
	<b>IMAX</b>	3.543702
	<b>Adventure</b>	3.542766
	<b>Action</b>	3.516423
	<b>Fantasy</b>	3.504065
	<b>Musical</b>	3.382141
	<b>Animation</b>	3.338982
	<b>Film-Noir</b>	3.332727
	<b>Comedy</b>	3.324520
	<b>Children</b>	3.114331
	<b>Western</b>	2.976763
	<b>Horror</b>	2.916112

year	genres_split	rating
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<b>2005</b>	<b>Film-Noir</b>	3.767713
	<b>IMAX</b>	3.700869
	<b>Documentary</b>	3.695145
	<b>Crime</b>	3.654040
	<b>War</b>	3.618854
	<b>Mystery</b>	3.613143
	<b>Musical</b>	3.565019
	<b>Drama</b>	3.509188
	<b>Romance</b>	3.449334
	<b>Thriller</b>	3.440931
	<b>Action</b>	3.438724
	<b>Animation</b>	3.392501
	<b>Fantasy</b>	3.356631
	<b>Western</b>	3.344871
	<b>Adventure</b>	3.327354
	<b>Sci-Fi</b>	3.299905
	<b>Comedy</b>	3.294473
	<b>Children</b>	3.252132
	<b>Horror</b>	3.021550

year	genres_split	rating
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<b>2004</b>	<b>Drama</b>	3.645244
	<b>Romance</b>	3.616247
	<b>Animation</b>	3.607896
	<b>IMAX</b>	3.595748
	<b>War</b>	3.593715
	<b>Sci-Fi</b>	3.550911
	<b>Documentary</b>	3.511087
	<b>Crime</b>	3.499463
	<b>Children</b>	3.488123
	<b>Adventure</b>	3.487910
	<b>Thriller</b>	3.469091
	<b>Fantasy</b>	3.448593
	<b>Action</b>	3.445083
	<b>Musical</b>	3.443506
	<b>Mystery</b>	3.410552
	<b>Comedy</b>	3.410470
	<b>Horror</b>	3.309782
	<b>Western</b>	2.807381

year	genres_split	rating
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<b>2003</b>	<b>Documentary</b>	3.811013
	<b>Mystery</b>	3.770597
	<b>Animation</b>	3.723534
	<b>Fantasy</b>	3.694388
	<b>Drama</b>	3.673752
	<b>War</b>	3.638108
	<b>Adventure</b>	3.593213
	<b>Western</b>	3.477870
	<b>Action</b>	3.468004
	<b>Crime</b>	3.466041
	<b>Children</b>	3.454014
	<b>Romance</b>	3.452740
	<b>Comedy</b>	3.416170
	<b>Thriller</b>	3.402883
	<b>Musical</b>	3.374687
	<b>Film-Noir</b>	3.356209
	<b>IMAX</b>	3.304202
	<b>Sci-Fi</b>	3.217548
	<b>Horror</b>	3.009695

year	genres_split	rating
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<b>2002</b>	<b>War</b>	3.783440
	<b>Fantasy</b>	3.677481
	<b>Crime</b>	3.637070
	<b>Drama</b>	3.620249
	<b>Documentary</b>	3.598366
	<b>Adventure</b>	3.584349
	<b>Mystery</b>	3.572818
	<b>Thriller</b>	3.478287
	<b>Action</b>	3.439231
	<b>Animation</b>	3.423541
	<b>Romance</b>	3.415417
	<b>Sci-Fi</b>	3.360452
	<b>Musical</b>	3.334381
	<b>Horror</b>	3.255871
	<b>Comedy</b>	3.220481
	<b>Children</b>	3.204077
	<b>Western</b>	3.161224
	<b>IMAX</b>	3.097258

year	genres_split	rating
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<b>2001</b>	<b>Film-Noir</b>	3.839770
	<b>Fantasy</b>	3.809377
	<b>Animation</b>	3.773133
	<b>Documentary</b>	3.769860
	<b>Children</b>	3.633565
	<b>Mystery</b>	3.626484
	<b>Adventure</b>	3.622855
	<b>Drama</b>	3.549120
	<b>Crime</b>	3.541876
	<b>Romance</b>	3.511870
	<b>IMAX</b>	3.495575
	<b>Thriller</b>	3.477014
	<b>War</b>	3.451348
	<b>Musical</b>	3.402045
	<b>Comedy</b>	3.374558
	<b>Sci-Fi</b>	3.342235
	<b>Horror</b>	3.283224
	<b>Action</b>	3.127577
	<b>Western</b>	2.854317

year	genres_split	rating
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<b>2000</b>	<b>Mystery</b>	3.744741
	<b>Musical</b>	3.711174
	<b>Documentary</b>	3.608459
	<b>Drama</b>	3.604875
	<b>Crime</b>	3.578116
	<b>Thriller</b>	3.491155
	<b>Adventure</b>	3.484708
	<b>Romance</b>	3.478277
	<b>War</b>	3.465908
	<b>Action</b>	3.394430
	<b>Animation</b>	3.337686
	<b>Comedy</b>	3.245426
	<b>Western</b>	3.227286
	<b>Children</b>	3.184483
	<b>Sci-Fi</b>	3.169501
	<b>IMAX</b>	3.135417
	<b>Horror</b>	3.090175
	<b>Fantasy</b>	3.070841

year	genres_split	rating
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<b>1999</b>	<b>Crime</b>	3.898542
	<b>Documentary</b>	3.730332
	<b>Drama</b>	3.718991
	<b>Animation</b>	3.703376
	<b>Musical</b>	3.643605
	<b>Mystery</b>	3.596228
	<b>Thriller</b>	3.575863
	<b>Action</b>	3.533513
	<b>Fantasy</b>	3.523347
	<b>Science fiction</b>	3.518130
	<b>Romance</b>	3.511139
	<b>IMAX</b>	3.510277
	<b>Children</b>	3.487765
	<b>War</b>	3.484738
	<b>Adventure</b>	3.390730
	<b>Comedy</b>	3.356303
	<b>Horror</b>	3.350381
	<b>Western</b>	2.322596

year	genres_split	rating
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<b>1998</b>	<b>War</b>	3.831285
	<b>Film-Noir</b>	3.804019
	<b>IMAX</b>	3.800645
	<b>Documentary</b>	3.694933
	<b>Crime</b>	3.682222
	<b>Drama</b>	3.632729
	<b>Comedy</b>	3.489529
	<b>Musical</b>	3.457190
	<b>Animation</b>	3.412386
	<b>Action</b>	3.399397
	<b>Romance</b>	3.394790
	<b>Adventure</b>	3.316711
	<b>Thriller</b>	3.316208
	<b>Mystery</b>	3.309315
	<b>Science fiction</b>	3.282037
	<b>Fantasy</b>	3.280351
	<b>Children</b>	3.276137
	<b>Horror</b>	2.861707
	<b>Western</b>	2.764693

year	genres_split	rating
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<b>1997</b>	<b>Film-Noir</b>	3.993991
	<b>War</b>	3.850915
	<b>Animation</b>	3.808381
	<b>Documentary</b>	3.657721
	<b>Drama</b>	3.634012
	<b>Crime</b>	3.631012
	<b>Romance</b>	3.599299
	<b>Mystery</b>	3.569717
	<b>Science fiction</b>	3.466655
	<b>Comedy</b>	3.408293
	<b>Musical</b>	3.387603
	<b>IMAX</b>	3.334615
	<b>Thriller</b>	3.296886
	<b>Adventure</b>	3.282188
	<b>Action</b>	3.251626
	<b>Fantasy</b>	3.195862
	<b>Western</b>	3.029412
	<b>Horror</b>	2.998265
	<b>Children</b>	2.840590

year	genres_split	rating
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<b>1996</b>	<b>Western</b>	4.029749
	<b>Documentary</b>	3.857346
	<b>Crime</b>	3.656764
	<b>Drama</b>	3.585827
	<b>War</b>	3.578569
	<b>Mystery</b>	3.510613
	<b>Thriller</b>	3.393505
	<b>Romance</b>	3.387577
	<b>Comedy</b>	3.336487
	<b>Adventure</b>	3.315189
	<b>Film-Noir</b>	3.279274
	<b>Action</b>	3.269610
	<b>Animation</b>	3.222187
	<b>Musical</b>	3.212167
	<b>Horror</b>	3.157498
	<b>Science fiction</b>	3.118877
	<b>Children</b>	3.023783
	<b>Fantasy</b>	3.000503

year	genres_split	rating
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<b>1995</b>	<b>Mystery</b>	3.880042
	<b>IMAX</b>	3.870971
	<b>War</b>	3.806340
	<b>Animation</b>	3.757929
	<b>Thriller</b>	3.636247
	<b>Documentary</b>	3.616347
	<b>Drama</b>	3.595235
	<b>Fantasy</b>	3.544681
	<b>Crime</b>	3.528423
	<b>Children</b>	3.473925
	<b>Film-Noir</b>	3.456475
	<b>Romance</b>	3.412458
	<b>Western</b>	3.398774
	<b>Adventure</b>	3.347487
	<b>Comedy</b>	3.340279
	<b>Action</b>	3.266320
	<b>Science fiction</b>	3.246706
	<b>Musical</b>	2.991807
	<b>Horror</b>	2.929650

year	genres_split	rating
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<b>1994</b>	<b>Documentary</b>	3.961380
	<b>War</b>	3.930700
	<b>Crime</b>	3.872679
	<b>IMAX</b>	3.817641
	<b>Musical</b>	3.807401
	<b>Drama</b>	3.784987
	<b>Animation</b>	3.743609
	<b>Film-Noir</b>	3.677686
	<b>Romance</b>	3.625691
	<b>Thriller</b>	3.606498
	<b>Comedy</b>	3.450508
	<b>Mystery</b>	3.415793
	<b>Action</b>	3.346841
	<b>Adventure</b>	3.341875
	<b>Children</b>	3.284949
	<b>Horror</b>	3.284367
	<b>Western</b>	3.227421
	<b>Science fiction</b>	3.195185
	<b>Fantasy</b>	3.088068

year	genres_split	rating
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<b>1993</b>	<b>War</b>	3.989782
	<b>Documentary</b>	3.915307
	<b>Animation</b>	3.858266
	<b>Musical</b>	3.702795
	<b>Western</b>	3.665699
	<b>Drama</b>	3.633767
	<b>Crime</b>	3.587834
	<b>Romance</b>	3.560386
	<b>Thriller</b>	3.542454
	<b>Fantasy</b>	3.436991
	<b>Action</b>	3.326946
	<b>Comedy</b>	3.316381
	<b>Children</b>	3.305690
	<b>Horror</b>	3.276206
	<b>Science fiction</b>	3.275914
	<b>Adventure</b>	3.273312
	<b>Film-Noir</b>	3.249104
	<b>Mystery</b>	3.186024

year	genres_split	rating
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<b>1992</b>	<b>Documentary</b>	3.930754
	<b>Mystery</b>	3.879093
	<b>Western</b>	3.838284
	<b>War</b>	3.717190
	<b>Animation</b>	3.666123
	<b>Musical</b>	3.664207
	<b>Crime</b>	3.641767
	<b>Adventure</b>	3.634351
	<b>Drama</b>	3.584368
	<b>Film-Noir</b>	3.566240
	<b>Thriller</b>	3.544211
	<b>Fantasy</b>	3.499276
	<b>Romance</b>	3.497860
	<b>Children</b>	3.350568
	<b>Comedy</b>	3.342641
	<b>Action</b>	3.268553
	<b>IMAX</b>	3.134615
	<b>Horror</b>	3.079639
	<b>Science fiction</b>	3.034286

year	genres_split	rating
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<b>1991</b>	<b>Horror</b>	4.066978
	<b>Thriller</b>	3.930933
	<b>Crime</b>	3.927984
	<b>Science fiction</b>	3.691478
	<b>IMAX</b>	3.681300
	<b>Animation</b>	3.640801
	<b>Musical</b>	3.625463
	<b>Action</b>	3.585236
	<b>Romance</b>	3.584914
	<b>Drama</b>	3.538864
	<b>Children</b>	3.507482
	<b>Documentary</b>	3.493678
	<b>Mystery</b>	3.473217
	<b>Fantasy</b>	3.452281
	<b>Comedy</b>	3.322906
	<b>Adventure</b>	3.264095
	<b>War</b>	3.256206
	<b>Western</b>	3.246557

year	genres_split	rating
<b>1990</b>	<b>Film-Noir</b>	3.827462
	<b>Documentary</b>	3.751599
	<b>Drama</b>	3.662402
	<b>Crime</b>	3.660423
	<b>Adventure</b>	3.589951
	<b>Mystery</b>	3.581467
	<b>Western</b>	3.566250
	<b>Thriller</b>	3.497458
	<b>Fantasy</b>	3.459143
	<b>Romance</b>	3.452855
	<b>War</b>	3.433444
	<b>Action</b>	3.301729
	<b>Animation</b>	3.299331
	<b>Science fiction</b>	3.279437
	<b>Musical</b>	3.261246
	<b>Comedy</b>	3.216276
	<b>Horror</b>	3.132210
	<b>Children</b>	3.052260
<b>1989</b>	<b>Documentary</b>	3.878056
	<b>War</b>	3.863909
	<b>Animation</b>	3.711619
	<b>Drama</b>	3.676940
	<b>Romance</b>	3.650605
	<b>Adventure</b>	3.572626
	<b>Action</b>	3.503743
	<b>Musical</b>	3.502165
	<b>Thriller</b>	3.450538
	<b>Comedy</b>	3.383419
	<b>Crime</b>	3.368904
	<b>Children</b>	3.337234
	<b>Science fiction</b>	3.301342
	<b>Fantasy</b>	3.197639
	<b>Mystery</b>	3.180466
	<b>Horror</b>	2.568303
	<b>Western</b>	1.625000

year	genres_split	rating
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<b>1988</b>	<b>Documentary</b>	3.866012
	<b>Animation</b>	3.750554
	<b>Crime</b>	3.690172
	<b>Drama</b>	3.675254
	<b>Children</b>	3.597948
	<b>Thriller</b>	3.583152
	<b>Fantasy</b>	3.579028
	<b>Action</b>	3.542774
	<b>Mystery</b>	3.522795
	<b>Romance</b>	3.512898
	<b>Adventure</b>	3.416863
	<b>Comedy</b>	3.405747
	<b>Western</b>	3.285803
	<b>Science fiction</b>	3.276126
	<b>Film-Noir</b>	3.244467
	<b>War</b>	3.228523
	<b>Musical</b>	3.171498
	<b>Horror</b>	2.768082

year	genres_split	rating
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<b>1987</b>	<b>Fantasy</b>	3.921912
	<b>War</b>	3.899990
	<b>Romance</b>	3.748985
	<b>Adventure</b>	3.729925
	<b>Film-Noir</b>	3.721549
	<b>Drama</b>	3.669897
	<b>Action</b>	3.661116
	<b>Documentary</b>	3.657676
	<b>Mystery</b>	3.605205
	<b>Comedy</b>	3.543172
	<b>Western</b>	3.522363
	<b>Crime</b>	3.501191
	<b>Animation</b>	3.483166
	<b>Thriller</b>	3.411477
	<b>Science fiction</b>	3.321187
	<b>Horror</b>	3.307730
	<b>Musical</b>	3.256788
	<b>Children</b>	3.014236

year	genres_split	rating
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<b>1986</b>	<b>Film-Noir</b>	4.007695
	<b>War</b>	3.737036
	<b>Mystery</b>	3.685680
	<b>Documentary</b>	3.664474
	<b>Drama</b>	3.647622
	<b>Science fiction</b>	3.611403
	<b>Animation</b>	3.601262
	<b>Adventure</b>	3.572727
	<b>Horror</b>	3.549662
	<b>Action</b>	3.535225
	<b>Children</b>	3.534355
	<b>Fantasy</b>	3.525329
	<b>Thriller</b>	3.473442
	<b>Musical</b>	3.466671
	<b>Romance</b>	3.466199
	<b>Comedy</b>	3.332961
	<b>Crime</b>	3.283173
	<b>Western</b>	3.122390

year	genres_split	rating
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<b>1985</b>	<b>War</b>	3.942772
	<b>Science fiction</b>	3.730025
	<b>Western</b>	3.691057
	<b>IMAX</b>	3.677083
	<b>Documentary</b>	3.641026
	<b>Drama</b>	3.624883
	<b>Comedy</b>	3.589184
	<b>Fantasy</b>	3.552516
	<b>Adventure</b>	3.538493
	<b>Romance</b>	3.469710
	<b>Thriller</b>	3.465929
	<b>Mystery</b>	3.430076
	<b>Children</b>	3.406515
	<b>Crime</b>	3.290482
	<b>Musical</b>	3.246711
	<b>Action</b>	3.204352
	<b>Animation</b>	3.134930
	<b>Horror</b>	2.960709
	<b>Film-Noir</b>	2.777778

year	genres_split	rating
<b>1984</b>	<b>Animation</b>	4.056277
	<b>Documentary</b>	4.055760
	<b>Film-Noir</b>	3.999609
	<b>Drama</b>	3.720537
	<b>War</b>	3.708878
	<b>Thriller</b>	3.675337
	<b>Science fiction</b>	3.661306
	<b>Action</b>	3.637770
	<b>Crime</b>	3.576552
	<b>Musical</b>	3.540820
	<b>Fantasy</b>	3.532717
	<b>Comedy</b>	3.516359
	<b>Children</b>	3.502188
	<b>Adventure</b>	3.489335
	<b>Romance</b>	3.407499
	<b>Mystery</b>	3.156131
	<b>Horror</b>	3.141675
<b>1983</b>	<b>Western</b>	3.936473
	<b>Children</b>	3.925590
	<b>Documentary</b>	3.908666
	<b>Crime</b>	3.847020
	<b>Adventure</b>	3.820776
	<b>Science fiction</b>	3.817327
	<b>Action</b>	3.769922
	<b>Comedy</b>	3.671391
	<b>Drama</b>	3.667611
	<b>Animation</b>	3.568319
	<b>War</b>	3.394108
	<b>Thriller</b>	3.385995
	<b>Fantasy</b>	3.383583
	<b>Romance</b>	3.217646
	<b>Mystery</b>	3.050836
	<b>Musical</b>	2.923120
	<b>Horror</b>	2.873993

year	genres_split	rating
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<b>1982</b>	<b>War</b>	3.872153
	<b>Thriller</b>	3.856549
	<b>Science fiction</b>	3.797821
	<b>Mystery</b>	3.795601
	<b>Documentary</b>	3.758647
	<b>Animation</b>	3.735500
	<b>Action</b>	3.715422
	<b>Children</b>	3.704547
	<b>Drama</b>	3.668511
	<b>Film-Noir</b>	3.609091
	<b>Western</b>	3.589416
	<b>Adventure</b>	3.530337
	<b>IMAX</b>	3.452381
	<b>Romance</b>	3.444614
	<b>Fantasy</b>	3.431518
	<b>Crime</b>	3.385008
	<b>Comedy</b>	3.368089
	<b>Horror</b>	3.360708
	<b>Musical</b>	3.195448

year	genres_split	rating
<b>1981</b>	<b>War</b>	3.929994
	<b>Action</b>	3.884701
	<b>Adventure</b>	3.826855
	<b>Drama</b>	3.747028
	<b>Crime</b>	3.722917
	<b>Mystery</b>	3.667792
	<b>Thriller</b>	3.613083
	<b>Fantasy</b>	3.568578
	<b>Musical</b>	3.531198
	<b>Romance</b>	3.496831
	<b>Science fiction</b>	3.480285
	<b>Comedy</b>	3.452812
	<b>Children</b>	3.416249
	<b>Animation</b>	3.398678
	<b>Documentary</b>	3.358202
	<b>Horror</b>	3.279455
	<b>Western</b>	2.556338
<b>1980</b>	<b>Science fiction</b>	3.929194
	<b>Action</b>	3.900118
	<b>Adventure</b>	3.871175
	<b>War</b>	3.840240
	<b>Horror</b>	3.703540
	<b>Drama</b>	3.662104
	<b>Comedy</b>	3.570705
	<b>Musical</b>	3.568759
	<b>Animation</b>	3.527273
	<b>Crime</b>	3.473368
	<b>Documentary</b>	3.305707
	<b>Romance</b>	3.159034
	<b>Western</b>	3.137931
	<b>Mystery</b>	3.125137
	<b>Thriller</b>	3.085549
	<b>Children</b>	2.789621
	<b>Fantasy</b>	2.616162

year	genres_split	rating
<b>1979</b>	<b>War</b>	4.060625
	<b>Horror</b>	3.904358
	<b>Romance</b>	3.894805
	<b>Drama</b>	3.826765
	<b>Comedy</b>	3.811105
	<b>Crime</b>	3.794828
	<b>Animation</b>	3.791084
	<b>Action</b>	3.778956
	<b>Fantasy</b>	3.740662
	<b>Documentary</b>	3.729452
	<b>Science fiction</b>	3.705006
	<b>Musical</b>	3.677395
	<b>Mystery</b>	3.549463
	<b>Children</b>	3.411658
	<b>Adventure</b>	3.395773
	<b>Thriller</b>	3.355966
	<b>Western</b>	2.789916
<b>1978</b>	<b>War</b>	3.891744
	<b>Drama</b>	3.787973
	<b>Film-Noir</b>	3.607914
	<b>Documentary</b>	3.581169
	<b>Crime</b>	3.571707
	<b>Mystery</b>	3.519955
	<b>Action</b>	3.485675
	<b>Comedy</b>	3.423107
	<b>Animation</b>	3.391959
	<b>Adventure</b>	3.378590
	<b>Fantasy</b>	3.329612
	<b>Romance</b>	3.323093
	<b>Science fiction</b>	3.278849
	<b>Musical</b>	3.274059
	<b>Children</b>	3.214648
	<b>Horror</b>	3.196999
	<b>Thriller</b>	3.090838
	<b>Western</b>	2.933750

year	genres_split	rating
<b>1977</b>	<b>Science fiction</b>	4.047601
	<b>Action</b>	4.046981
	<b>Adventure</b>	3.950451
	<b>Romance</b>	3.895400
	<b>Documentary</b>	3.752240
	<b>War</b>	3.720094
	<b>Comedy</b>	3.679451
	<b>Drama</b>	3.600905
	<b>Mystery</b>	3.460310
	<b>Crime</b>	3.451715
	<b>Thriller</b>	3.420449
	<b>Animation</b>	3.320869
	<b>Western</b>	3.242857
	<b>Horror</b>	3.227054
	<b>Musical</b>	3.211280
	<b>Children</b>	3.201967
	<b>Fantasy</b>	3.192749
<b>1976</b>	<b>Crime</b>	3.993928
	<b>Drama</b>	3.842392
	<b>Thriller</b>	3.825254
	<b>Western</b>	3.795614
	<b>Film-Noir</b>	3.752232
	<b>Animation</b>	3.686411
	<b>Documentary</b>	3.673291
	<b>Comedy</b>	3.645970
	<b>Mystery</b>	3.571522
	<b>Action</b>	3.565778
	<b>War</b>	3.546615
	<b>Horror</b>	3.476027
	<b>Adventure</b>	3.416276
	<b>Musical</b>	3.383947
	<b>Fantasy</b>	3.323569
	<b>Science fiction</b>	3.217519
	<b>Children</b>	3.129393
	<b>Romance</b>	2.884697

year	genres_split	rating
1975	<b>Fantasy</b>	4.082262
	<b>Adventure</b>	4.067249
	<b>Drama</b>	4.041625
	<b>Comedy</b>	3.853731
	<b>War</b>	3.816523
	<b>Animation</b>	3.813202
	<b>Documentary</b>	3.802935
	<b>Crime</b>	3.771408
	<b>Romance</b>	3.753198
	<b>Action</b>	3.719142
	<b>Mystery</b>	3.677060
	<b>Thriller</b>	3.635693
	<b>Horror</b>	3.616039
	<b>Musical</b>	3.396096
	<b>Science fiction</b>	3.320239
	<b>Children</b>	3.080917
	<b>Western</b>	3.042339
1974	<b>Film-Noir</b>	4.166822
	<b>Crime</b>	4.161627
	<b>Mystery</b>	4.100153
	<b>Drama</b>	4.022253
	<b>Western</b>	3.861169
	<b>Fantasy</b>	3.837270
	<b>Thriller</b>	3.825205
	<b>Comedy</b>	3.810281
	<b>Documentary</b>	3.788401
	<b>War</b>	3.508503
	<b>Adventure</b>	3.296991
	<b>Action</b>	3.294211
	<b>Animation</b>	3.284211
	<b>Romance</b>	3.267898
	<b>Musical</b>	3.252488
	<b>Horror</b>	3.184381
	<b>Science fiction</b>	3.119328
	<b>Children</b>	2.910618

year	genres_split	rating
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<b>1973</b>	<b>Crime</b>	3.959411
	<b>Comedy</b>	3.914232
	<b>Film-Noir</b>	3.858624
	<b>War</b>	3.816583
	<b>Drama</b>	3.770412
	<b>Mystery</b>	3.690887
	<b>Horror</b>	3.668973
	<b>Documentary</b>	3.652985
	<b>Musical</b>	3.643337
	<b>Animation</b>	3.634787
	<b>Children</b>	3.620627
	<b>Adventure</b>	3.610649
	<b>Thriller</b>	3.581807
	<b>Romance</b>	3.570896
	<b>Western</b>	3.558552
	<b>Science fiction</b>	3.527511
	<b>Fantasy</b>	3.474313
	<b>Action</b>	3.434874

year	genres_split	rating
<b>1972</b>	<b>Crime</b>	4.272980
	<b>Drama</b>	4.073867
	<b>Fantasy</b>	3.851867
	<b>Mystery</b>	3.792773
	<b>Musical</b>	3.766002
	<b>Thriller</b>	3.704634
	<b>War</b>	3.661857
	<b>Romance</b>	3.658123
	<b>Adventure</b>	3.648659
	<b>Comedy</b>	3.618521
	<b>Documentary</b>	3.600000
	<b>Western</b>	3.584047
	<b>Film-Noir</b>	3.500000
	<b>Children</b>	3.435268
	<b>Science fiction</b>	3.416548
	<b>Animation</b>	3.353196
	<b>Action</b>	3.288744
	<b>Horror</b>	2.863170
<b>1971</b>	<b>Romance</b>	3.922763
	<b>Crime</b>	3.915875
	<b>Drama</b>	3.851602
	<b>Thriller</b>	3.846273
	<b>Science fiction</b>	3.831749
	<b>Comedy</b>	3.768608
	<b>Fantasy</b>	3.710517
	<b>Animation</b>	3.695341
	<b>Musical</b>	3.685986
	<b>War</b>	3.679680
	<b>Mystery</b>	3.654727
	<b>Children</b>	3.652862
	<b>Western</b>	3.644322
	<b>Action</b>	3.606530
	<b>Documentary</b>	3.588757
	<b>Adventure</b>	3.485272
	<b>Horror</b>	3.178364

year	genres_split	rating
<b>1970</b>	<b>War</b>	3.877825
	<b>Documentary</b>	3.850659
	<b>Drama</b>	3.799526
	<b>Musical</b>	3.795655
	<b>Western</b>	3.782819
	<b>Comedy</b>	3.746870
	<b>Thriller</b>	3.613372
	<b>Crime</b>	3.607274
	<b>Adventure</b>	3.463404
	<b>Animation</b>	3.397699
	<b>Children</b>	3.397455
	<b>Fantasy</b>	3.388786
	<b>Action</b>	3.364255
	<b>Mystery</b>	3.343750
	<b>Romance</b>	3.335990
	<b>Horror</b>	3.045918
	<b>Science fiction</b>	2.931200
<b>1969</b>	<b>Western</b>	3.940942
	<b>Action</b>	3.900502
	<b>Mystery</b>	3.878324
	<b>Documentary</b>	3.843750
	<b>Animation</b>	3.799578
	<b>War</b>	3.787879
	<b>Drama</b>	3.752419
	<b>Crime</b>	3.720225
	<b>Adventure</b>	3.681843
	<b>Thriller</b>	3.531052
	<b>Romance</b>	3.441971
	<b>Comedy</b>	3.439694
	<b>Fantasy</b>	3.383212
	<b>Musical</b>	3.281942
	<b>Horror</b>	3.157534
	<b>Children</b>	3.098847
	<b>Science fiction</b>	2.972222

year	genres_split	rating
1968	<b>Western</b>	3.941788
	<b>Drama</b>	3.825741
	<b>Adventure</b>	3.822834
	<b>Science fiction</b>	3.779154
	<b>Documentary</b>	3.767221
	<b>Action</b>	3.749516
	<b>Horror</b>	3.687616
	<b>Thriller</b>	3.684138
	<b>War</b>	3.662524
	<b>Animation</b>	3.643804
	<b>Musical</b>	3.596376
	<b>Comedy</b>	3.594821
	<b>Romance</b>	3.573560
	<b>Crime</b>	3.571439
	<b>Children</b>	3.561980
	<b>Fantasy</b>	3.500872
	<b>Mystery</b>	3.100233
1967	<b>Romance</b>	4.011953
	<b>Mystery</b>	4.011541
	<b>Drama</b>	3.936199
	<b>Crime</b>	3.865316
	<b>War</b>	3.811570
	<b>Comedy</b>	3.799831
	<b>Thriller</b>	3.732797
	<b>Documentary</b>	3.723596
	<b>Action</b>	3.679924
	<b>Animation</b>	3.642036
	<b>Children</b>	3.536001
	<b>Musical</b>	3.529688
	<b>Science fiction</b>	3.528716
	<b>Western</b>	3.386325
	<b>Horror</b>	3.372521
	<b>Fantasy</b>	3.297432
	<b>Adventure</b>	3.256372

year	genres_split	rating
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<b>1966</b>	<b>Western</b>	4.069128
	<b>Action</b>	4.044031
	<b>Adventure</b>	3.969072
	<b>Drama</b>	3.839539
	<b>War</b>	3.800059
	<b>Documentary</b>	3.751743
	<b>Mystery</b>	3.750634
	<b>Animation</b>	3.743961
	<b>Musical</b>	3.720336
	<b>Film-Noir</b>	3.656863
	<b>Romance</b>	3.650626
	<b>Crime</b>	3.609287
	<b>Children</b>	3.604980
	<b>Fantasy</b>	3.587667
	<b>Comedy</b>	3.562084
	<b>Science fiction</b>	3.513700
	<b>Thriller</b>	3.463585
	<b>Horror</b>	2.791932

year	genres_split	rating
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<b>1965</b>	<b>Western</b>	3.863097
	<b>War</b>	3.836580
	<b>Romance</b>	3.820483
	<b>Drama</b>	3.811712
	<b>Animation</b>	3.765759
	<b>Thriller</b>	3.756104
	<b>Action</b>	3.753120
	<b>Musical</b>	3.752636
	<b>Film-Noir</b>	3.750000
	<b>Crime</b>	3.718669
	<b>Documentary</b>	3.713710
	<b>Fantasy</b>	3.691992
	<b>Adventure</b>	3.573870
	<b>Horror</b>	3.560865
	<b>Comedy</b>	3.505058
	<b>Children</b>	3.462873
	<b>Mystery</b>	3.353784
	<b>Science fiction</b>	3.337858

year	genres_split	rating
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<b>1964</b>	<b>War</b>	4.157774
	<b>Comedy</b>	3.961390
	<b>Documentary</b>	3.943182
	<b>Western</b>	3.935180
	<b>Romance</b>	3.811896
	<b>Drama</b>	3.809248
	<b>Action</b>	3.807173
	<b>Musical</b>	3.780108
	<b>Crime</b>	3.747258
	<b>Thriller</b>	3.744224
	<b>Adventure</b>	3.739842
	<b>Children</b>	3.717183
	<b>Fantasy</b>	3.685298
	<b>Mystery</b>	3.629806
	<b>Horror</b>	3.421520
	<b>Animation</b>	3.394539
	<b>Film-Noir</b>	3.344660
	<b>Science fiction</b>	3.064370

year	genres_split	rating
<b>1963</b>	<b>Film-Noir</b>	4.138168
	<b>War</b>	4.083985
	<b>Mystery</b>	3.979922
	<b>Drama</b>	3.944411
	<b>Action</b>	3.899652
	<b>Western</b>	3.881405
	<b>Romance</b>	3.871480
	<b>Crime</b>	3.849596
	<b>Adventure</b>	3.844929
	<b>Thriller</b>	3.743336
	<b>Fantasy</b>	3.712297
	<b>Horror</b>	3.644894
	<b>Animation</b>	3.553648
	<b>Comedy</b>	3.543127
	<b>Musical</b>	3.532233
	<b>Children</b>	3.482356
	<b>Documentary</b>	3.241176
	<b>Science fiction</b>	2.942308
<b>1962</b>	<b>War</b>	4.087319
	<b>Drama</b>	4.008273
	<b>Crime</b>	3.994915
	<b>Mystery</b>	3.962879
	<b>Adventure</b>	3.957829
	<b>Thriller</b>	3.870247
	<b>Western</b>	3.865489
	<b>Romance</b>	3.793533
	<b>Action</b>	3.721928
	<b>Fantasy</b>	3.672112
	<b>Children</b>	3.634286
	<b>Comedy</b>	3.604317
	<b>Musical</b>	3.597137
	<b>Horror</b>	3.426332
	<b>Science fiction</b>	3.312383
	<b>Animation</b>	3.150407
	<b>Documentary</b>	2.979592

year	genres_split	rating
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<b>1961</b>	<b>Action</b>	3.976809
	<b>Drama</b>	3.825358
	<b>War</b>	3.782777
	<b>Romance</b>	3.736145
	<b>Mystery</b>	3.704724
	<b>Adventure</b>	3.671074
	<b>Thriller</b>	3.654830
	<b>Musical</b>	3.637528
	<b>Crime</b>	3.530973
	<b>Documentary</b>	3.521739
	<b>Western</b>	3.492293
	<b>Comedy</b>	3.462881
	<b>Animation</b>	3.434718
	<b>Children</b>	3.399641
	<b>Horror</b>	3.378442
	<b>Fantasy</b>	3.246299
	<b>Science fiction</b>	3.140155
	<b>Film-Noir</b>	2.333333

year	genres_split	rating
<b>1960</b>	<b>Crime</b>	4.003170
	<b>Film-Noir</b>	3.975124
	<b>Romance</b>	3.891775
	<b>Horror</b>	3.887057
	<b>Drama</b>	3.848902
	<b>Western</b>	3.823176
	<b>Mystery</b>	3.800641
	<b>War</b>	3.767543
	<b>Action</b>	3.748971
	<b>Adventure</b>	3.713190
	<b>Thriller</b>	3.632104
	<b>Comedy</b>	3.615701
	<b>Science fiction</b>	3.554862
	<b>Fantasy</b>	3.478355
	<b>Children</b>	3.461251
	<b>Musical</b>	3.157854
	<b>Documentary</b>	2.919355
	<b>Animation</b>	2.916667
<b>1959</b>	<b>Mystery</b>	4.163819
	<b>Thriller</b>	4.139604
	<b>Romance</b>	4.121752
	<b>Action</b>	4.047672
	<b>Crime</b>	4.032230
	<b>Adventure</b>	4.006901
	<b>Comedy</b>	3.899264
	<b>Drama</b>	3.847773
	<b>Western</b>	3.769737
	<b>War</b>	3.713782
	<b>Musical</b>	3.585526
	<b>Animation</b>	3.572838
	<b>Children</b>	3.470955
	<b>Documentary</b>	3.363636
	<b>Fantasy</b>	3.258124
	<b>Horror</b>	2.905340
	<b>Science fiction</b>	2.661615

year	genres_split	rating
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<b>1958</b>	<b>Film-Noir</b>	4.114452
	<b>Thriller</b>	4.110476
	<b>Romance</b>	4.010417
	<b>Crime</b>	4.002820
	<b>Drama</b>	3.976142
	<b>Mystery</b>	3.972525
	<b>Action</b>	3.741808
	<b>Comedy</b>	3.697281
	<b>Adventure</b>	3.691957
	<b>War</b>	3.674979
	<b>Fantasy</b>	3.608809
	<b>Musical</b>	3.531292
	<b>Western</b>	3.494290
	<b>Horror</b>	3.223714
	<b>Science fiction</b>	3.193029
	<b>Documentary</b>	3.121622
	<b>Animation</b>	2.833333
	<b>Children</b>	2.696429

year	genres_split	rating
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<b>1957</b>	<b>War</b>	4.090894
	<b>Drama</b>	4.066725
	<b>Adventure</b>	4.055375
	<b>Mystery</b>	4.028960
	<b>Film-Noir</b>	3.999461
	<b>Thriller</b>	3.925316
	<b>Action</b>	3.866091
	<b>Romance</b>	3.681093
	<b>Comedy</b>	3.619250
	<b>Animation</b>	3.604027
	<b>Children</b>	3.550510
	<b>Western</b>	3.535876
	<b>Musical</b>	3.506686
	<b>Fantasy</b>	3.237327
	<b>Science fiction</b>	3.141245
	<b>Documentary</b>	2.952830
	<b>Crime</b>	2.949275
	<b>Horror</b>	2.920206

year	genres_split	rating
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<b>1956</b>	<b>Crime</b>	3.958004
	<b>Film-Noir</b>	3.891092
	<b>Mystery</b>	3.808893
	<b>Western</b>	3.779806
	<b>Children</b>	3.778530
	<b>Fantasy</b>	3.777433
	<b>Thriller</b>	3.758936
	<b>Drama</b>	3.741909
	<b>Musical</b>	3.726794
	<b>Science fiction</b>	3.702306
	<b>Romance</b>	3.692338
	<b>Adventure</b>	3.670533
	<b>Horror</b>	3.644881
	<b>Comedy</b>	3.566229
	<b>Documentary</b>	3.464286
	<b>Action</b>	3.442000
	<b>War</b>	3.337259
	<b>Animation</b>	3.185567

year	genres_split	rating
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<b>1955</b>	<b>Documentary</b>	4.002278
	<b>Thriller</b>	3.958328
	<b>War</b>	3.910051
	<b>Crime</b>	3.887884
	<b>Mystery</b>	3.884973
	<b>Film-Noir</b>	3.856592
	<b>Drama</b>	3.817975
	<b>Romance</b>	3.706413
	<b>Comedy</b>	3.667787
	<b>Musical</b>	3.610952
	<b>Children</b>	3.587774
	<b>Animation</b>	3.587429
	<b>Action</b>	3.529206
	<b>Western</b>	3.496267
	<b>Horror</b>	3.398931
	<b>Adventure</b>	3.358757
	<b>Fantasy</b>	3.094595
	<b>Science fiction</b>	2.766108

year	genres_split	rating
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<b>1954</b>	<b>Action</b>	4.243196
	<b>Mystery</b>	4.194170
	<b>Thriller</b>	4.152217
	<b>Crime</b>	4.056273
	<b>Adventure</b>	3.982118
	<b>Drama</b>	3.940720
	<b>War</b>	3.860053
	<b>Comedy</b>	3.813386
	<b>Romance</b>	3.785903
	<b>Documentary</b>	3.666667
	<b>Musical</b>	3.642800
	<b>Western</b>	3.493408
	<b>Animation</b>	3.464844
	<b>Science fiction</b>	3.430302
	<b>Fantasy</b>	3.372774
	<b>Film-Noir</b>	3.356502
	<b>Horror</b>	3.307997
	<b>Children</b>	3.200000

year	genres_split	rating
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<b>1953</b>	<b>War</b>	3.965842
	<b>Romance</b>	3.900366
	<b>Comedy</b>	3.883019
	<b>Film-Noir</b>	3.807358
	<b>Drama</b>	3.797335
	<b>Adventure</b>	3.717596
	<b>Thriller</b>	3.688748
	<b>Western</b>	3.665545
	<b>Musical</b>	3.583519
	<b>Animation</b>	3.575684
	<b>Children</b>	3.574329
	<b>Action</b>	3.572205
	<b>Fantasy</b>	3.561011
	<b>Science fiction</b>	3.516597
	<b>Crime</b>	3.382534
	<b>Mystery</b>	3.271709
	<b>Horror</b>	3.190157
	<b>Documentary</b>	2.970000

year	genres_split	rating
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<b>1952</b>	<b>Musical</b>	4.024487
	<b>Western</b>	4.001741
	<b>Romance</b>	3.975162
	<b>Comedy</b>	3.962250
	<b>Drama</b>	3.863390
	<b>War</b>	3.722656
	<b>Documentary</b>	3.666667
	<b>Children</b>	3.510870
	<b>Film-Noir</b>	3.470339
	<b>Mystery</b>	3.467290
	<b>Animation</b>	3.465116
	<b>Crime</b>	3.438318
	<b>Adventure</b>	3.401738
	<b>Horror</b>	3.355769
	<b>Thriller</b>	3.325188
	<b>Action</b>	3.248227
	<b>Science fiction</b>	3.157895
	<b>Fantasy</b>	3.125000

year	genres_split	rating
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<b>1951</b>	<b>Film-Noir</b>	4.076118
	<b>Crime</b>	4.052062
	<b>War</b>	4.022865
	<b>Comedy</b>	4.009086
	<b>Thriller</b>	3.999196
	<b>Romance</b>	3.959767
	<b>Drama</b>	3.939643
	<b>Adventure</b>	3.862355
	<b>Science fiction</b>	3.834261
	<b>Musical</b>	3.654920
	<b>Fantasy</b>	3.642913
	<b>Animation</b>	3.627168
	<b>Children</b>	3.625778
	<b>Horror</b>	3.607040
	<b>Action</b>	3.557985
	<b>Mystery</b>	2.933333
	<b>Western</b>	2.880952
	<b>Documentary</b>	2.833333

year	genres_split	rating
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<b>1950</b>	<b>Documentary</b>	4.166667
	<b>Film-Noir</b>	4.092598
	<b>Drama</b>	4.078311
	<b>Mystery</b>	4.043241
	<b>Crime</b>	4.024557
	<b>Romance</b>	3.811694
	<b>Comedy</b>	3.708213
	<b>Fantasy</b>	3.681344
	<b>Animation</b>	3.559858
	<b>Children</b>	3.551163
	<b>Musical</b>	3.546648
	<b>Western</b>	3.539331
	<b>Thriller</b>	3.527304
	<b>Adventure</b>	3.427731
	<b>Action</b>	3.391791
	<b>War</b>	3.303922
	<b>Horror</b>	3.270833
	<b>Science fiction</b>	2.972934

year	genres_split	rating
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<b>1949</b>	<b>Mystery</b>	4.180624
	<b>Thriller</b>	4.152883
	<b>Film-Noir</b>	4.094902
	<b>Comedy</b>	3.793006
	<b>Romance</b>	3.736459
	<b>War</b>	3.726528
	<b>Musical</b>	3.710526
	<b>Crime</b>	3.709710
	<b>Drama</b>	3.658845
	<b>Western</b>	3.594966
	<b>Animation</b>	3.481857
	<b>Horror</b>	3.440476
	<b>Documentary</b>	3.369565
	<b>Action</b>	3.341195
	<b>Children</b>	3.280150
	<b>Fantasy</b>	3.086207
	<b>Adventure</b>	3.067539
	<b>Science fiction</b>	2.985714

year	genres_split	rating
<b>1948</b>	<b>Action</b>	4.068461
	<b>Western</b>	4.050178
	<b>Adventure</b>	4.042996
	<b>Drama</b>	3.959484
	<b>Thriller</b>	3.901616
	<b>Fantasy</b>	3.880556
	<b>Crime</b>	3.877937
	<b>Film-Noir</b>	3.823570
	<b>Musical</b>	3.740421
	<b>Romance</b>	3.737407
	<b>Mystery</b>	3.585366
	<b>War</b>	3.556680
	<b>Comedy</b>	3.479876
	<b>Horror</b>	3.434537
	<b>Children</b>	3.309651
	<b>Animation</b>	3.184959
	<b>Science fiction</b>	2.750000
	<b>Documentary</b>	2.600000
<b>1947</b>	<b>Fantasy</b>	3.792942
	<b>Film-Noir</b>	3.767139
	<b>Drama</b>	3.715167
	<b>Comedy</b>	3.705526
	<b>Romance</b>	3.690909
	<b>Mystery</b>	3.658654
	<b>Crime</b>	3.633056
	<b>Thriller</b>	3.557949
	<b>War</b>	3.453416
	<b>Musical</b>	3.444318
	<b>Western</b>	3.353723
	<b>Adventure</b>	3.291878
	<b>Children</b>	3.274021
	<b>Animation</b>	3.191718
	<b>Documentary</b>	3.000000
	<b>Action</b>	2.729167
	<b>Horror</b>	2.125000

year	genres_split	rating
<b>1946</b>	<b>Film-Noir</b>	4.077040
	<b>Mystery</b>	4.072181
	<b>Thriller</b>	4.054367
	<b>Crime</b>	4.051453
	<b>War</b>	4.046261
	<b>Romance</b>	4.034886
	<b>Fantasy</b>	4.025434
	<b>Children</b>	3.984268
	<b>Drama</b>	3.955211
	<b>Documentary</b>	3.928571
	<b>Western</b>	3.630615
	<b>Adventure</b>	3.567411
	<b>Animation</b>	3.521996
	<b>Musical</b>	3.508485
	<b>Comedy</b>	3.497340
	<b>Horror</b>	2.913462
	<b>Action</b>	2.848837
	<b>Science fiction</b>	2.500000
<b>1945</b>	<b>Romance</b>	3.876929
	<b>Mystery</b>	3.819638
	<b>Film-Noir</b>	3.800338
	<b>Crime</b>	3.771400
	<b>Drama</b>	3.762869
	<b>Thriller</b>	3.745646
	<b>War</b>	3.657672
	<b>Fantasy</b>	3.600000
	<b>Comedy</b>	3.571775
	<b>Horror</b>	3.472255
	<b>Musical</b>	3.310425
	<b>Animation</b>	3.186720
	<b>Children</b>	3.170743
	<b>Adventure</b>	3.141732
	<b>Western</b>	3.081081
	<b>Documentary</b>	2.970588
	<b>Action</b>	2.944444

year	genres_split	rating
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<b>1944</b>	<b>Crime</b>	4.107325
	<b>Film-Noir</b>	4.102607
	<b>Mystery</b>	4.026509
	<b>Thriller</b>	4.010374
	<b>Comedy</b>	3.970227
	<b>Drama</b>	3.955368
	<b>Adventure</b>	3.892125
	<b>Romance</b>	3.791756
	<b>War</b>	3.772830
	<b>Musical</b>	3.666106
	<b>Children</b>	3.536508
	<b>Documentary</b>	3.500000
	<b>Fantasy</b>	3.227679
	<b>Action</b>	3.213058
	<b>Animation</b>	3.166667
	<b>Western</b>	3.000000
	<b>Horror</b>	2.998675
	<b>Science fiction</b>	2.239130

year	genres_split	rating
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<b>1943</b>	<b>Crime</b>	4.029520
	<b>Thriller</b>	3.935336
	<b>Drama</b>	3.807617
	<b>Romance</b>	3.684227
	<b>War</b>	3.616502
	<b>Fantasy</b>	3.616379
	<b>Western</b>	3.546053
	<b>Adventure</b>	3.521147
	<b>Musical</b>	3.448741
	<b>Action</b>	3.412879
	<b>Comedy</b>	3.298537
	<b>Horror</b>	3.213058
	<b>Mystery</b>	3.167866
	<b>Film-Noir</b>	3.145669
	<b>Documentary</b>	3.107843
	<b>Children</b>	3.020053
	<b>Animation</b>	3.005515
	<b>Science fiction</b>	2.616667

<b>year</b>	<b>genres_split</b>	<b>rating</b>
<b>1942</b>	<b>Romance</b>	4.151387
	<b>Drama</b>	4.002965
	<b>Comedy</b>	3.826099
	<b>Musical</b>	3.769773
	<b>War</b>	3.744320
	<b>Thriller</b>	3.587789
	<b>Film-Noir</b>	3.583984
	<b>Mystery</b>	3.536729
	<b>Fantasy</b>	3.512835
	<b>Children</b>	3.500130
	<b>Animation</b>	3.498275
	<b>Adventure</b>	3.485556
	<b>Crime</b>	3.456067
	<b>Action</b>	3.258950
	<b>Horror</b>	3.098262
	<b>Western</b>	2.838028
	<b>Documentary</b>	2.795455
	<b>Science fiction</b>	2.526316
<b>1941</b>	<b>Film-Noir</b>	4.110738
	<b>Mystery</b>	4.101904
	<b>Adventure</b>	3.966842
	<b>Drama</b>	3.857833
	<b>Romance</b>	3.832678
	<b>Comedy</b>	3.799103
	<b>Thriller</b>	3.780093
	<b>Crime</b>	3.679870
	<b>War</b>	3.662202
	<b>Fantasy</b>	3.570711
	<b>Horror</b>	3.497384
	<b>Musical</b>	3.495881
	<b>Children</b>	3.471773
	<b>Animation</b>	3.465318
	<b>Action</b>	3.225490
	<b>Western</b>	3.216495
	<b>Science fiction</b>	2.869565

year	genres_split	rating
<b>1940</b>	<b>Romance</b>	4.053495
	<b>War</b>	4.036889
	<b>Comedy</b>	4.031376
	<b>Thriller</b>	4.014586
	<b>Drama</b>	4.010394
	<b>Mystery</b>	4.004705
	<b>Film-Noir</b>	3.775473
	<b>Children</b>	3.597887
	<b>Fantasy</b>	3.597797
	<b>Animation</b>	3.596800
	<b>Musical</b>	3.594492
	<b>Adventure</b>	3.559143
	<b>Action</b>	3.437710
	<b>Western</b>	3.234962
	<b>Crime</b>	2.840741
	<b>Horror</b>	2.716738
	<b>Science fiction</b>	2.642857
	<b>Documentary</b>	1.791667
<b>1939</b>	<b>Fantasy</b>	3.936677
	<b>Musical</b>	3.933206
	<b>Children</b>	3.909845
	<b>Adventure</b>	3.904442
	<b>Comedy</b>	3.834659
	<b>Drama</b>	3.828126
	<b>Romance</b>	3.807511
	<b>War</b>	3.795631
	<b>Action</b>	3.776500
	<b>Western</b>	3.739960
	<b>Mystery</b>	3.677106
	<b>Crime</b>	3.650370
	<b>Thriller</b>	3.596946
	<b>Animation</b>	3.305316
	<b>Horror</b>	3.238272
	<b>Science fiction</b>	2.603448

year	genres_split	rating
<b>1938</b>	<b>Mystery</b>	4.025568
	<b>Thriller</b>	4.009170
	<b>Romance</b>	3.918934
	<b>Comedy</b>	3.876829
	<b>Adventure</b>	3.862387
	<b>Action</b>	3.857420
	<b>Fantasy</b>	3.817358
	<b>Children</b>	3.810660
	<b>Drama</b>	3.790533
	<b>Film-Noir</b>	3.750725
	<b>Documentary</b>	3.663636
	<b>Crime</b>	3.596963
	<b>War</b>	3.554598
	<b>Animation</b>	3.279006
	<b>Musical</b>	3.194444
	<b>Science fiction</b>	3.111111
	<b>Horror</b>	2.937500
	<b>Western</b>	2.500000
<b>1937</b>	<b>War</b>	4.081904
	<b>Comedy</b>	3.830629
	<b>Romance</b>	3.760387
	<b>Drama</b>	3.623453
	<b>Musical</b>	3.620621
	<b>Fantasy</b>	3.580098
	<b>Animation</b>	3.579436
	<b>Children</b>	3.576598
	<b>Film-Noir</b>	3.476804
	<b>Crime</b>	3.470930
	<b>Adventure</b>	3.453422
	<b>Western</b>	3.405738
	<b>Thriller</b>	3.232782
	<b>Action</b>	3.230769
	<b>Horror</b>	3.000000
	<b>Mystery</b>	2.984375
	<b>Science fiction</b>	2.750000

year	genres_split	rating
1936	<b>Comedy</b>	3.990314
	<b>Romance</b>	3.979379
	<b>Drama</b>	3.914750
	<b>Film-Noir</b>	3.795977
	<b>Mystery</b>	3.785596
	<b>Crime</b>	3.690223
	<b>Musical</b>	3.596257
	<b>Thriller</b>	3.534392
	<b>Science fiction</b>	3.316225
	<b>Children</b>	3.307692
	<b>Animation</b>	3.202290
	<b>Adventure</b>	3.160131
	<b>Action</b>	3.067568
	<b>Horror</b>	2.972906
	<b>War</b>	2.958333
	<b>Fantasy</b>	2.928571
	<b>Documentary</b>	2.900000
	<b>Western</b>	2.478261
1935	<b>Musical</b>	3.996243
	<b>Thriller</b>	3.958764
	<b>Mystery</b>	3.938360
	<b>Comedy</b>	3.914831
	<b>Romance</b>	3.880243
	<b>Adventure</b>	3.837901
	<b>Drama</b>	3.824188
	<b>Science fiction</b>	3.724330
	<b>Action</b>	3.717899
	<b>Horror</b>	3.691030
	<b>Documentary</b>	3.500000
	<b>Crime</b>	3.344937
	<b>Animation</b>	3.341040
	<b>Children</b>	3.298319

**Fantasy** 3.065854  
**Western** 2.801370  
**War** 2.633333

year	genres_split	rating
<b>1934</b>	<b>Crime</b>	4.106686
	<b>Comedy</b>	4.033574
	<b>Romance</b>	4.026162
	<b>Musical</b>	3.746933
	<b>Documentary</b>	3.721408
	<b>Thriller</b>	3.682149
	<b>Drama</b>	3.658733
	<b>Fantasy</b>	3.523454
	<b>Children</b>	3.504348
	<b>Science fiction</b>	3.500000
	<b>Adventure</b>	3.313291
	<b>Action</b>	3.199187
	<b>Animation</b>	3.177273
	<b>Horror</b>	3.145299
	<b>War</b>	3.014085
	<b>Mystery</b>	2.770270
	<b>Western</b>	2.597938
<b>1933</b>	<b>War</b>	4.059148
	<b>Musical</b>	4.020986
	<b>Comedy</b>	3.960311
	<b>Thriller</b>	3.842391
	<b>Mystery</b>	3.819149
	<b>Crime</b>	3.744514
	<b>Science fiction</b>	3.558969
	<b>Horror</b>	3.546944
	<b>Fantasy</b>	3.529632
	<b>Action</b>	3.526261
	<b>Adventure</b>	3.518241
	<b>Drama</b>	3.500264
	<b>Children</b>	3.481250
	<b>Romance</b>	3.480679
	<b>Documentary</b>	3.426829
	<b>Animation</b>	3.206452
	<b>Western</b>	2.636364

year	genres_split	rating
1932	<b>Film-Noir</b>	3.809603
	<b>Comedy</b>	3.796937
	<b>Crime</b>	3.723149
	<b>Drama</b>	3.675339
	<b>Fantasy</b>	3.646127
	<b>War</b>	3.519465
	<b>Romance</b>	3.502870
	<b>Horror</b>	3.492962
	<b>Musical</b>	3.445205
	<b>Children</b>	3.444444
	<b>Adventure</b>	3.317181
	<b>Thriller</b>	3.279330
	<b>Animation</b>	3.265957
	<b>Mystery</b>	3.200787
	<b>Science fiction</b>	3.150000
	<b>Action</b>	3.093220
	<b>Documentary</b>	3.000000
	<b>Western</b>	1.625000
1931	<b>Film-Noir</b>	4.153003
	<b>Thriller</b>	4.147421
	<b>Crime</b>	4.067724
	<b>Romance</b>	4.010701
	<b>Mystery</b>	3.999475
	<b>Comedy</b>	3.981540
	<b>Drama</b>	3.860195
	<b>Science fiction</b>	3.843704
	<b>Horror</b>	3.774522
	<b>Action</b>	3.735586
	<b>Musical</b>	3.608456
	<b>War</b>	3.177419
	<b>Adventure</b>	3.041667
	<b>Western</b>	3.009868
	<b>Animation</b>	3.000000
	<b>Children</b>	2.750000
	<b>Documentary</b>	2.555556

year	genres_split	rating
<b>1930</b>	<b>Action</b>	3.950122
	<b>War</b>	3.931539
	<b>Musical</b>	3.887786
	<b>Drama</b>	3.829389
	<b>Comedy</b>	3.781011
	<b>Fantasy</b>	3.500000
	<b>Romance</b>	3.410678
	<b>Adventure</b>	3.264706
	<b>Documentary</b>	3.222973
	<b>Thriller</b>	3.175781
	<b>Western</b>	3.109375
	<b>Mystery</b>	3.061151
	<b>Crime</b>	2.955556
	<b>Animation</b>	2.906977
	<b>Film-Noir</b>	2.500000
	<b>Science fiction</b>	1.625000
<b>1929</b>	<b>Documentary</b>	3.990323
	<b>Fantasy</b>	3.760426
	<b>Comedy</b>	3.674648
	<b>Animation</b>	3.586735
	<b>Western</b>	3.500000
	<b>Musical</b>	3.495943
	<b>Thriller</b>	3.446970
	<b>Drama</b>	3.422143
	<b>Science fiction</b>	3.352941
	<b>Adventure</b>	3.280488
	<b>Romance</b>	3.130952
	<b>Children</b>	3.125000
	<b>Mystery</b>	3.062500
	<b>Crime</b>	3.041667
	<b>War</b>	2.500000

year	genres_split	rating
1928	<b>Film-Noir</b>	4.166667
	<b>Mystery</b>	3.961538
	<b>Romance</b>	3.786827
	<b>Drama</b>	3.769022
	<b>Adventure</b>	3.666667
	<b>Comedy</b>	3.601282
	<b>War</b>	3.507407
	<b>Action</b>	3.464286
	<b>Musical</b>	3.437853
	<b>Children</b>	3.436102
	<b>Animation</b>	3.434609
	<b>Western</b>	3.425676
	<b>Thriller</b>	3.413043
	<b>Crime</b>	3.330189
	<b>Horror</b>	3.254386
	<b>Fantasy</b>	2.840909
	<b>Documentary</b>	2.750000
	<b>Science fiction</b>	2.100000
1927	<b>Science fiction</b>	3.979274
	<b>Drama</b>	3.901267
	<b>Action</b>	3.715839
	<b>Romance</b>	3.712695
	<b>War</b>	3.706128
	<b>Children</b>	3.691667
	<b>Horror</b>	3.496429
	<b>Thriller</b>	3.495575
	<b>Crime</b>	3.455516
	<b>Documentary</b>	3.451807
	<b>Comedy</b>	3.447785
	<b>Film-Noir</b>	3.375000
	<b>Mystery</b>	3.302326
	<b>Adventure</b>	3.281250
	<b>Animation</b>	3.250000
	<b>Musical</b>	2.981651

year	genres_split	rating
<b>1926</b>	<b>War</b>	4.097776
	<b>Comedy</b>	4.037692
	<b>Fantasy</b>	3.807500
	<b>Animation</b>	3.788462
	<b>Horror</b>	3.750708
	<b>Adventure</b>	3.541885
	<b>Drama</b>	3.489189
	<b>Romance</b>	3.447867
	<b>Action</b>	3.418182
	<b>Documentary</b>	3.315789
	<b>Mystery</b>	3.250000
	<b>Thriller</b>	3.250000
	<b>Crime</b>	2.913793
	<b>Western</b>	2.833333
<b>1925</b>	<b>Comedy</b>	3.953008
	<b>Romance</b>	3.950896
	<b>Adventure</b>	3.874737
	<b>War</b>	3.844997
	<b>Drama</b>	3.714097
	<b>Western</b>	3.625541
	<b>Crime</b>	3.454545
	<b>Horror</b>	3.451417
	<b>Children</b>	3.404412
	<b>Fantasy</b>	3.404412
	<b>Animation</b>	3.250000
	<b>Science fiction</b>	3.183976
	<b>Action</b>	3.142857
	<b>Documentary</b>	3.125000
	<b>Mystery</b>	3.100000

year	genres_split	rating
1924	<b>Comedy</b>	3.856659
	<b>Fantasy</b>	3.852839
	<b>Romance</b>	3.852446
	<b>Drama</b>	3.724022
	<b>Adventure</b>	3.707641
	<b>Action</b>	3.653361
	<b>Documentary</b>	3.588235
	<b>Western</b>	3.466667
	<b>Science fiction</b>	3.275000
	<b>Thriller</b>	3.261538
	<b>Crime</b>	3.217391
1923	<b>Horror</b>	3.217391
	<b>War</b>	3.000000
	<b>Animation</b>	2.454545
	<b>Action</b>	3.919908
	<b>Romance</b>	3.875541
	<b>Comedy</b>	3.772026
	<b>Adventure</b>	3.600000
	<b>Horror</b>	3.257576
	<b>Drama</b>	3.245059
	<b>Crime</b>	3.000000
	<b>Animation</b>	2.937500

year	genres_split	rating
<b>1922</b>	<b>Horror</b>	3.868574
	<b>Documentary</b>	3.649096
	<b>Crime</b>	3.640127
	<b>Thriller</b>	3.630435
	<b>Mystery</b>	3.612805
	<b>Drama</b>	3.586466
	<b>Comedy</b>	3.386266
	<b>Adventure</b>	3.375000
	<b>Action</b>	3.307692
	<b>Romance</b>	3.257353
	<b>Fantasy</b>	3.227273
	<b>War</b>	3.000000
	<b>Children</b>	2.700000
	<b>Animation</b>	2.600000
<b>1921</b>	<b>Drama</b>	3.873312
	<b>Comedy</b>	3.857544
	<b>Fantasy</b>	3.489583
	<b>Thriller</b>	3.461538
	<b>Action</b>	3.333333
	<b>Documentary</b>	3.200000
	<b>Crime</b>	3.055556
	<b>War</b>	3.050000
	<b>Romance</b>	3.045455
	<b>Adventure</b>	3.023810
	<b>Animation</b>	2.944444
	<b>Science fiction</b>	2.166667

year	genres_split	rating
<b>1920</b>	<b>Crime</b>	3.901183
	<b>Fantasy</b>	3.873292
	<b>Horror</b>	3.845205
	<b>Comedy</b>	3.531136
	<b>Romance</b>	3.478448
	<b>Adventure</b>	3.443878
	<b>Drama</b>	3.340708
	<b>Western</b>	3.311111
	<b>Science fiction</b>	3.152174
	<b>Animation</b>	3.000000
	<b>Action</b>	1.750000
<b>1919</b>	<b>War</b>	3.633333
	<b>Horror</b>	3.444444
	<b>Romance</b>	3.439086
	<b>Drama</b>	3.378995
	<b>Comedy</b>	3.231651
	<b>Documentary</b>	3.000000
	<b>Fantasy</b>	2.933333
	<b>Adventure</b>	2.862319
	<b>Mystery</b>	2.833333
	<b>Western</b>	2.785714
	<b>Action</b>	2.760417
<b>1918</b>	<b>Comedy</b>	3.427419
	<b>Romance</b>	3.384615
	<b>War</b>	3.155172
	<b>Drama</b>	3.121951
	<b>Mystery</b>	2.750000
	<b>Fantasy</b>	2.333333
<b>1917</b>	<b>Comedy</b>	3.411458
	<b>Adventure</b>	3.000000
	<b>Drama</b>	2.988095
	<b>Western</b>	2.944444
	<b>Romance</b>	2.937500
	<b>Fantasy</b>	2.714286
	<b>Action</b>	2.333333

year	genres_split	rating
<b>1916</b>	<b>Drama</b>	3.542636
	<b>Fantasy</b>	3.318182
	<b>Western</b>	3.250000
	<b>Adventure</b>	3.200000
	<b>Action</b>	3.185484
	<b>Science fiction</b>	3.185484
	<b>Romance</b>	3.109091
	<b>Documentary</b>	3.000000
	<b>Mystery</b>	3.000000
	<b>Comedy</b>	2.908759
	<b>Crime</b>	2.875000
	<b>War</b>	2.875000
	<b>Animation</b>	2.750000
	<b>Thriller</b>	2.666667
<b>1915</b>	<b>Action</b>	3.527778
	<b>Adventure</b>	3.527778
	<b>Horror</b>	3.527778
	<b>Thriller</b>	3.527778
	<b>Crime</b>	3.388889
	<b>Romance</b>	3.388889
	<b>Animation</b>	3.200000
	<b>Drama</b>	3.132653
	<b>War</b>	3.100000
	<b>Fantasy</b>	2.900000
	<b>Comedy</b>	2.689474
	<b>Children</b>	2.300000
	<b>Western</b>	0.833333

year	genres_split	rating
1914	<b>Horror</b>	3.222222
	<b>Animation</b>	3.175000
	<b>Western</b>	3.125000
	<b>Drama</b>	3.027778
	<b>Romance</b>	3.000000
	<b>War</b>	2.931818
	<b>Crime</b>	2.884615
	<b>Children</b>	2.790323
	<b>Adventure</b>	2.603448
	<b>Action</b>	2.583333
	<b>Comedy</b>	2.489189
	<b>Fantasy</b>	2.230769
1913	<b>Horror</b>	3.318182
	<b>Crime</b>	3.296296
	<b>Drama</b>	3.228814
	<b>Adventure</b>	3.000000
	<b>Action</b>	2.000000
	<b>Western</b>	2.000000
1912	<b>Animation</b>	3.397727
	<b>Comedy</b>	3.361702
	<b>Adventure</b>	3.000000
	<b>Fantasy</b>	3.000000
	<b>Romance</b>	3.000000
	<b>Science fiction</b>	3.000000
	<b>Western</b>	3.000000
	<b>Drama</b>	2.937500
	<b>Crime</b>	2.928571
1911	<b>Animation</b>	3.600000
	<b>Comedy</b>	3.590909
	<b>Adventure</b>	3.500000
	<b>Fantasy</b>	3.500000
	<b>Horror</b>	3.500000
	<b>Drama</b>	3.421053
	<b>War</b>	2.000000

year	genres_split	rating
<b>1910</b>	<b>Animation</b>	4.000000
	<b>Horror</b>	3.354839
	<b>Science fiction</b>	3.263158
	<b>Drama</b>	3.177083
	<b>Comedy</b>	2.562500
	<b>Adventure</b>	2.357143
	<b>Fantasy</b>	2.357143
	<b>War</b>	2.333333
<b>1909</b>	<b>Fantasy</b>	3.093750
	<b>Comedy</b>	2.880952
	<b>Crime</b>	2.750000
	<b>Horror</b>	2.700000
	<b>Drama</b>	2.500000
<b>1908</b>	<b>Crime</b>	3.333333
	<b>Fantasy</b>	3.250000
	<b>Comedy</b>	3.040000
	<b>Horror</b>	3.000000
	<b>Animation</b>	2.964286
	<b>Science fiction</b>	2.961538
	<b>Drama</b>	2.833333
<b>1907</b>	<b>Horror</b>	3.125000
	<b>Fantasy</b>	2.732143
	<b>Comedy</b>	2.600000
	<b>Adventure</b>	2.500000
	<b>Drama</b>	2.500000
	<b>Romance</b>	2.500000
<b>1906</b>	<b>Animation</b>	3.000000
	<b>Comedy</b>	3.000000
	<b>Fantasy</b>	2.953125
	<b>Science fiction</b>	2.833333
	<b>Horror</b>	2.750000
	<b>Crime</b>	2.611111
	<b>Documentary</b>	2.500000
	<b>Action</b>	2.400000
	<b>Drama</b>	2.400000

year	genres_split	rating
1905	<b>Drama</b>	3.250000
	<b>Comedy</b>	3.218750
	<b>Fantasy</b>	3.086207
	<b>Documentary</b>	2.700000
	<b>Children</b>	2.300000
1904	<b>Fantasy</b>	3.327586
	<b>Adventure</b>	3.325000
	<b>Science fiction</b>	3.325000
	<b>Comedy</b>	3.227273
	<b>Documentary</b>	3.000000
	<b>Romance</b>	3.000000
	<b>Action</b>	2.833333
	<b>Drama</b>	2.750000
1903	<b>Adventure</b>	3.714286
	<b>Crime</b>	3.339552
	<b>Western</b>	3.339552
	<b>Drama</b>	3.222222
	<b>Fantasy</b>	2.947761
	<b>Comedy</b>	2.833333
	<b>Horror</b>	2.818182
	<b>Action</b>	2.800000
	<b>Romance</b>	2.125000
	<b>Documentary</b>	1.694444
1902	<b>Action</b>	3.747857
	<b>Science fiction</b>	3.747857
	<b>Adventure</b>	3.739007
	<b>Fantasy</b>	3.735169
	<b>Drama</b>	3.100000
	<b>Children</b>	2.500000

		rating
year	genres_split	
1901	<b>Science fiction</b>	3.535714
	<b>Fantasy</b>	3.525000
	<b>Horror</b>	3.500000
	<b>Drama</b>	3.214286
	<b>Comedy</b>	3.163043
	<b>Crime</b>	2.928571
	<b>Action</b>	2.800000
	<b>Documentary</b>	2.648148
1900	<b>Fantasy</b>	3.343750
	<b>Animation</b>	3.250000
	<b>Comedy</b>	3.229167
	<b>Documentary</b>	3.181818
	<b>Drama</b>	3.166667
	<b>Action</b>	3.142857
	<b>Thriller</b>	3.142857
	<b>Romance</b>	2.758065
	<b>Horror</b>	2.750000
1899	<b>Comedy</b>	3.375000
	<b>Horror</b>	3.111111
	<b>Fantasy</b>	3.076923
	<b>Drama</b>	3.000000
	<b>Children</b>	2.900000
	<b>Sci-Fi</b>	2.900000
1898	<b>Fantasy</b>	3.594595
	<b>Drama</b>	3.541667
	<b>Comedy</b>	3.285714
	<b>Sci-Fi</b>	2.750000
	<b>Documentary</b>	2.375000
1897	<b>Fantasy</b>	3.750000
	<b>Comedy</b>	3.000000
	<b>Action</b>	2.833333
	<b>Documentary</b>	2.833333
	<b>Drama</b>	2.833333
	<b>War</b>	2.833333
	<b>Horror</b>	2.500000

		rating
year	genres_split	
<b>1896</b>	<b>Documentary</b>	3.054545
	<b>Horror</b>	2.627907
	<b>Fantasy</b>	2.360000
	<b>Comedy</b>	2.350000
<b>1895</b>	<b>Comedy</b>	2.937500
	<b>Documentary</b>	2.738889
	<b>Drama</b>	2.666667
	<b>Sci-Fi</b>	2.000000
<b>1894</b>	<b>Documentary</b>	2.395238
	<b>Comedy</b>	2.264706
	<b>Drama</b>	1.666667
<b>1892</b>	<b>Animation</b>	2.708333
<b>1891</b>	<b>Documentary</b>	1.818182
	<b>Action</b>	1.444444
<b>1890</b>	<b>Comedy</b>	2.100000
<b>1888</b>	<b>Documentary</b>	2.348214
<b>1880</b>	<b>Documentary</b>	2.666667
<b>1874</b>	<b>Documentary</b>	2.970588

## EJERCICIO 2

Para cada uno de los géneros, evolución de las puntuaciones medias anuales a lo largo de los años.

```
In [ ]: genres_av = merged_df[["genres_split", "rating", "year"]].groupby(["genres_split", "
```

```
In [ ]: pd.set_option("display.max_rows", None)
genres_av.sort_values(by=["genres_split", "year"], ascending=False)
```

Out[ ]:

**rating****genres\_split**    **year**

---

**Western**    **2019**    3.129213

**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.561042
<b>2017</b>	3.095051
<b>2016</b>	3.348148
<b>2015</b>	3.752665
<b>2014</b>	3.139575
<b>2013</b>	2.965088
<b>2012</b>	4.001955
<b>2011</b>	3.137817
<b>2010</b>	3.638267
<b>2009</b>	2.712329
<b>2008</b>	3.266934
<b>2007</b>	3.849783
<b>2006</b>	2.976763
<b>2005</b>	3.344871
<b>2004</b>	2.807381
<b>2003</b>	3.477870
<b>2002</b>	3.161224
<b>2001</b>	2.854317
<b>2000</b>	3.227286
<b>1999</b>	2.322596
<b>1998</b>	2.764693
<b>1997</b>	3.029412
<b>1996</b>	4.029749
<b>1995</b>	3.398774
<b>1994</b>	3.227421
<b>1993</b>	3.665699
<b>1992</b>	3.838284
<b>1991</b>	3.246557
<b>1990</b>	3.566250
<b>1989</b>	1.625000
<b>1988</b>	3.285803
<b>1987</b>	3.522363
<b>1986</b>	3.122390
<b>1985</b>	3.691057
<b>1983</b>	3.936473

genres_split	year	rating
	<b>1982</b>	3.589416
	<b>1981</b>	2.556338
	<b>1980</b>	3.137931
	<b>1979</b>	2.789916
	<b>1978</b>	2.933750
	<b>1977</b>	3.242857
	<b>1976</b>	3.795614
	<b>1975</b>	3.042339
	<b>1974</b>	3.861169
	<b>1973</b>	3.558552
	<b>1972</b>	3.584047
	<b>1971</b>	3.644322
	<b>1970</b>	3.782819
	<b>1969</b>	3.940942
	<b>1968</b>	3.941788
	<b>1967</b>	3.386325
	<b>1966</b>	4.069128
	<b>1965</b>	3.863097
	<b>1964</b>	3.935180
	<b>1963</b>	3.881405
	<b>1962</b>	3.865489
	<b>1961</b>	3.492293
	<b>1960</b>	3.823176
	<b>1959</b>	3.769737
	<b>1958</b>	3.494290
	<b>1957</b>	3.535876
	<b>1956</b>	3.779806
	<b>1955</b>	3.496267
	<b>1954</b>	3.493408
	<b>1953</b>	3.665545
	<b>1952</b>	4.001741
	<b>1951</b>	2.880952
	<b>1950</b>	3.539331
	<b>1949</b>	3.594966
	<b>1948</b>	4.050178

genres_split	year	rating
	<b>1947</b>	3.353723
	<b>1946</b>	3.630615
	<b>1945</b>	3.081081
	<b>1944</b>	3.000000
	<b>1943</b>	3.546053
	<b>1942</b>	2.838028
	<b>1941</b>	3.216495
	<b>1940</b>	3.234962
	<b>1939</b>	3.739960
	<b>1938</b>	2.500000
	<b>1937</b>	3.405738
	<b>1936</b>	2.478261
	<b>1935</b>	2.801370
	<b>1934</b>	2.597938
	<b>1933</b>	2.636364
	<b>1932</b>	1.625000
	<b>1931</b>	3.009868
	<b>1930</b>	3.109375
	<b>1929</b>	3.500000
	<b>1928</b>	3.425676
	<b>1926</b>	2.833333
	<b>1925</b>	3.625541
	<b>1924</b>	3.466667
	<b>1920</b>	3.311111
	<b>1919</b>	2.785714
	<b>1917</b>	2.944444
	<b>1916</b>	3.250000
	<b>1915</b>	0.833333
	<b>1914</b>	3.125000
	<b>1913</b>	2.000000
	<b>1912</b>	3.000000
	<b>1903</b>	3.339552

rating	
genres_split	year
War	2019

**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.435484
<b>2017</b>	3.697134
<b>2016</b>	3.684491
<b>2015</b>	3.634823
<b>2014</b>	3.767227
<b>2013</b>	3.660424
<b>2012</b>	3.476899
<b>2011</b>	3.462994
<b>2010</b>	3.442459
<b>2009</b>	3.945521
<b>2008</b>	3.576117
<b>2007</b>	3.572584
<b>2006</b>	3.756292
<b>2005</b>	3.618854
<b>2004</b>	3.593715
<b>2003</b>	3.638108
<b>2002</b>	3.783440
<b>2001</b>	3.451348
<b>2000</b>	3.465908
<b>1999</b>	3.484738
<b>1998</b>	3.831285
<b>1997</b>	3.850915
<b>1996</b>	3.578569
<b>1995</b>	3.806340
<b>1994</b>	3.930700
<b>1993</b>	3.989782
<b>1992</b>	3.717190
<b>1991</b>	3.256206
<b>1990</b>	3.433444
<b>1989</b>	3.863909
<b>1988</b>	3.228523
<b>1987</b>	3.899990
<b>1986</b>	3.737036
<b>1985</b>	3.942772
<b>1984</b>	3.708878

genres_split	year	rating
	<b>1983</b>	3.394108
	<b>1982</b>	3.872153
	<b>1981</b>	3.929994
	<b>1980</b>	3.840240
	<b>1979</b>	4.060625
	<b>1978</b>	3.891744
	<b>1977</b>	3.720094
	<b>1976</b>	3.546615
	<b>1975</b>	3.816523
	<b>1974</b>	3.508503
	<b>1973</b>	3.816583
	<b>1972</b>	3.661857
	<b>1971</b>	3.679680
	<b>1970</b>	3.877825
	<b>1969</b>	3.787879
	<b>1968</b>	3.662524
	<b>1967</b>	3.811570
	<b>1966</b>	3.800059
	<b>1965</b>	3.836580
	<b>1964</b>	4.157774
	<b>1963</b>	4.083985
	<b>1962</b>	4.087319
	<b>1961</b>	3.782777
	<b>1960</b>	3.767543
	<b>1959</b>	3.713782
	<b>1958</b>	3.674979
	<b>1957</b>	4.090894
	<b>1956</b>	3.337259
	<b>1955</b>	3.910051
	<b>1954</b>	3.860053
	<b>1953</b>	3.965842
	<b>1952</b>	3.722656
	<b>1951</b>	4.022865
	<b>1950</b>	3.303922
	<b>1949</b>	3.726528

genres_split	rating
year	
<b>1948</b>	3.556680
<b>1947</b>	3.453416
<b>1946</b>	4.046261
<b>1945</b>	3.657672
<b>1944</b>	3.772830
<b>1943</b>	3.616502
<b>1942</b>	3.744320
<b>1941</b>	3.662202
<b>1940</b>	4.036889
<b>1939</b>	3.795631
<b>1938</b>	3.554598
<b>1937</b>	4.081904
<b>1936</b>	2.958333
<b>1935</b>	2.633333
<b>1934</b>	3.014085
<b>1933</b>	4.059148
<b>1932</b>	3.519465
<b>1931</b>	3.177419
<b>1930</b>	3.931539
<b>1929</b>	2.500000
<b>1928</b>	3.507407
<b>1927</b>	3.706128
<b>1926</b>	4.097776
<b>1925</b>	3.844997
<b>1924</b>	3.000000
<b>1922</b>	3.000000
<b>1921</b>	3.050000
<b>1919</b>	3.633333
<b>1918</b>	3.155172
<b>1916</b>	2.875000
<b>1915</b>	3.100000
<b>1914</b>	2.931818
<b>1911</b>	2.000000
<b>1910</b>	2.333333
<b>1897</b>	2.833333

rating	
genres_split	year
Thriller	2019
3.307636	

**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.312052
<b>2017</b>	3.440525
<b>2016</b>	3.469921
<b>2015</b>	3.543972
<b>2014</b>	3.687588
<b>2013</b>	3.456186
<b>2012</b>	3.467229
<b>2011</b>	3.532142
<b>2010</b>	3.625973
<b>2009</b>	3.439797
<b>2008</b>	3.274788
<b>2007</b>	3.445525
<b>2006</b>	3.682991
<b>2005</b>	3.440931
<b>2004</b>	3.469091
<b>2003</b>	3.402883
<b>2002</b>	3.478287
<b>2001</b>	3.477014
<b>2000</b>	3.491155
<b>1999</b>	3.575863
<b>1998</b>	3.316208
<b>1997</b>	3.296886
<b>1996</b>	3.393505
<b>1995</b>	3.636247
<b>1994</b>	3.606498
<b>1993</b>	3.542454
<b>1992</b>	3.544211
<b>1991</b>	3.930933
<b>1990</b>	3.497458
<b>1989</b>	3.450538
<b>1988</b>	3.583152
<b>1987</b>	3.411477
<b>1986</b>	3.473442
<b>1985</b>	3.465929
<b>1984</b>	3.675337

genres_split	rating
year	
<b>1983</b>	3.385995
<b>1982</b>	3.856549
<b>1981</b>	3.613083
<b>1980</b>	3.085549
<b>1979</b>	3.355966
<b>1978</b>	3.090838
<b>1977</b>	3.420449
<b>1976</b>	3.825254
<b>1975</b>	3.635693
<b>1974</b>	3.825205
<b>1973</b>	3.581807
<b>1972</b>	3.704634
<b>1971</b>	3.846273
<b>1970</b>	3.613372
<b>1969</b>	3.531052
<b>1968</b>	3.684138
<b>1967</b>	3.732797
<b>1966</b>	3.463585
<b>1965</b>	3.756104
<b>1964</b>	3.744224
<b>1963</b>	3.743336
<b>1962</b>	3.870247
<b>1961</b>	3.654830
<b>1960</b>	3.632104
<b>1959</b>	4.139604
<b>1958</b>	4.110476
<b>1957</b>	3.925316
<b>1956</b>	3.758936
<b>1955</b>	3.958328
<b>1954</b>	4.152217
<b>1953</b>	3.688748
<b>1952</b>	3.325188
<b>1951</b>	3.999196
<b>1950</b>	3.527304
<b>1949</b>	4.152883

genres_split	rating
<b>1948</b>	3.901616
<b>1947</b>	3.557949
<b>1946</b>	4.054367
<b>1945</b>	3.745646
<b>1944</b>	4.010374
<b>1943</b>	3.935336
<b>1942</b>	3.587789
<b>1941</b>	3.780093
<b>1940</b>	4.014586
<b>1939</b>	3.596946
<b>1938</b>	4.009170
<b>1937</b>	3.232782
<b>1936</b>	3.534392
<b>1935</b>	3.958764
<b>1934</b>	3.682149
<b>1933</b>	3.842391
<b>1932</b>	3.279330
<b>1931</b>	4.147421
<b>1930</b>	3.175781
<b>1929</b>	3.446970
<b>1928</b>	3.413043
<b>1927</b>	3.495575
<b>1926</b>	3.250000
<b>1924</b>	3.261538
<b>1922</b>	3.630435
<b>1921</b>	3.461538
<b>1916</b>	2.666667
<b>1915</b>	3.527778
<b>1900</b>	3.142857

rating		
genres_split	year	
Science fiction	1999	3.518130

**rating****genres\_split year**

genres_split	year	rating
	<b>1998</b>	3.282037
	<b>1997</b>	3.466655
	<b>1996</b>	3.118877
	<b>1995</b>	3.246706
	<b>1994</b>	3.195185
	<b>1993</b>	3.275914
	<b>1992</b>	3.034286
	<b>1991</b>	3.691478
	<b>1990</b>	3.279437
	<b>1989</b>	3.301342
	<b>1988</b>	3.276126
	<b>1987</b>	3.321187
	<b>1986</b>	3.611403
	<b>1985</b>	3.730025
	<b>1984</b>	3.661306
	<b>1983</b>	3.817327
	<b>1982</b>	3.797821
	<b>1981</b>	3.480285
	<b>1980</b>	3.929194
	<b>1979</b>	3.705006
	<b>1978</b>	3.278849
	<b>1977</b>	4.047601
	<b>1976</b>	3.217519
	<b>1975</b>	3.320239
	<b>1974</b>	3.119328
	<b>1973</b>	3.527511
	<b>1972</b>	3.416548
	<b>1971</b>	3.831749
	<b>1970</b>	2.931200
	<b>1969</b>	2.972222
	<b>1968</b>	3.779154
	<b>1967</b>	3.528716
	<b>1966</b>	3.513700
	<b>1965</b>	3.337858
	<b>1964</b>	3.064370

genres_split	rating
year	
<b>1963</b>	2.942308
<b>1962</b>	3.312383
<b>1961</b>	3.140155
<b>1960</b>	3.554862
<b>1959</b>	2.661615
<b>1958</b>	3.193029
<b>1957</b>	3.141245
<b>1956</b>	3.702306
<b>1955</b>	2.766108
<b>1954</b>	3.430302
<b>1953</b>	3.516597
<b>1952</b>	3.157895
<b>1951</b>	3.834261
<b>1950</b>	2.972934
<b>1949</b>	2.985714
<b>1948</b>	2.750000
<b>1946</b>	2.500000
<b>1944</b>	2.239130
<b>1943</b>	2.616667
<b>1942</b>	2.526316
<b>1941</b>	2.869565
<b>1940</b>	2.642857
<b>1939</b>	2.603448
<b>1938</b>	3.111111
<b>1937</b>	2.750000
<b>1936</b>	3.316225
<b>1935</b>	3.724330
<b>1934</b>	3.500000
<b>1933</b>	3.558969
<b>1932</b>	3.150000
<b>1931</b>	3.843704
<b>1930</b>	1.625000
<b>1929</b>	3.352941
<b>1928</b>	2.100000
<b>1927</b>	3.979274

genres_split	year	rating
	<b>1925</b>	3.183976
	<b>1924</b>	3.275000
	<b>1921</b>	2.166667
	<b>1920</b>	3.152174
	<b>1916</b>	3.185484
	<b>1912</b>	3.000000
	<b>1910</b>	3.263158
	<b>1908</b>	2.961538
	<b>1906</b>	2.833333
	<b>1904</b>	3.325000
	<b>1902</b>	3.747857
	<b>1901</b>	3.535714
<b>Sci-Fi</b>	<b>2019</b>	3.502985
	<b>2018</b>	3.516519
	<b>2017</b>	3.588850
	<b>2016</b>	3.568465
	<b>2015</b>	3.622524
	<b>2014</b>	3.673040
	<b>2013</b>	3.495950
	<b>2012</b>	3.500033
	<b>2011</b>	3.463194
	<b>2010</b>	3.765784
	<b>2009</b>	3.491660
	<b>2008</b>	3.537352
	<b>2007</b>	3.309614
	<b>2006</b>	3.726367
	<b>2005</b>	3.299905
	<b>2004</b>	3.550911
	<b>2003</b>	3.217548
	<b>2002</b>	3.360452
	<b>2001</b>	3.342235
	<b>2000</b>	3.169501
	<b>1899</b>	2.900000
	<b>1898</b>	2.750000
	<b>1895</b>	2.000000

rating		
genres_split	year	
Romance	2019	3.228546

**rating****genres\_split year**

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**rating****genres\_split year**

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<b>genres_split</b>	<b>rating</b>
<b>2018</b>	3.301823
<b>2017</b>	3.503872
<b>2016</b>	3.594419
<b>2015</b>	3.341272
<b>2014</b>	3.499790
<b>2013</b>	3.643834
<b>2012</b>	3.629049
<b>2011</b>	3.453105
<b>2010</b>	3.400124
<b>2009</b>	3.517321
<b>2008</b>	3.546243
<b>2007</b>	3.463749
<b>2006</b>	3.549861
<b>2005</b>	3.449334
<b>2004</b>	3.616247
<b>2003</b>	3.452740
<b>2002</b>	3.415417
<b>2001</b>	3.511870
<b>2000</b>	3.478277
<b>1999</b>	3.511139
<b>1998</b>	3.394790
<b>1997</b>	3.599299
<b>1996</b>	3.387577
<b>1995</b>	3.412458
<b>1994</b>	3.625691
<b>1993</b>	3.560386
<b>1992</b>	3.497860
<b>1991</b>	3.584914
<b>1990</b>	3.452855
<b>1989</b>	3.650605
<b>1988</b>	3.512898
<b>1987</b>	3.748985
<b>1986</b>	3.466199
<b>1985</b>	3.469710
<b>1984</b>	3.407499

genres_split	year	rating
	<b>1983</b>	3.217646
	<b>1982</b>	3.444614
	<b>1981</b>	3.496831
	<b>1980</b>	3.159034
	<b>1979</b>	3.894805
	<b>1978</b>	3.323093
	<b>1977</b>	3.895400
	<b>1976</b>	2.884697
	<b>1975</b>	3.753198
	<b>1974</b>	3.267898
	<b>1973</b>	3.570896
	<b>1972</b>	3.658123
	<b>1971</b>	3.922763
	<b>1970</b>	3.335990
	<b>1969</b>	3.441971
	<b>1968</b>	3.573560
	<b>1967</b>	4.011953
	<b>1966</b>	3.650626
	<b>1965</b>	3.820483
	<b>1964</b>	3.811896
	<b>1963</b>	3.871480
	<b>1962</b>	3.793533
	<b>1961</b>	3.736145
	<b>1960</b>	3.891775
	<b>1959</b>	4.121752
	<b>1958</b>	4.010417
	<b>1957</b>	3.681093
	<b>1956</b>	3.692338
	<b>1955</b>	3.706413
	<b>1954</b>	3.785903
	<b>1953</b>	3.900366
	<b>1952</b>	3.975162
	<b>1951</b>	3.959767
	<b>1950</b>	3.811694
	<b>1949</b>	3.736459

genres_split	year	rating
	<b>1948</b>	3.737407
	<b>1947</b>	3.690909
	<b>1946</b>	4.034886
	<b>1945</b>	3.876929
	<b>1944</b>	3.791756
	<b>1943</b>	3.684227
	<b>1942</b>	4.151387
	<b>1941</b>	3.832678
	<b>1940</b>	4.053495
	<b>1939</b>	3.807511
	<b>1938</b>	3.918934
	<b>1937</b>	3.760387
	<b>1936</b>	3.979379
	<b>1935</b>	3.880243
	<b>1934</b>	4.026162
	<b>1933</b>	3.480679
	<b>1932</b>	3.502870
	<b>1931</b>	4.010701
	<b>1930</b>	3.410678
	<b>1929</b>	3.130952
	<b>1928</b>	3.786827
	<b>1927</b>	3.712695
	<b>1926</b>	3.447867
	<b>1925</b>	3.950896
	<b>1924</b>	3.852446
	<b>1923</b>	3.875541
	<b>1922</b>	3.257353
	<b>1921</b>	3.045455
	<b>1920</b>	3.478448
	<b>1919</b>	3.439086
	<b>1918</b>	3.384615
	<b>1917</b>	2.937500
	<b>1916</b>	3.109091
	<b>1915</b>	3.388889
	<b>1914</b>	3.000000

genres_split	year	rating
<b>1912</b>	3.000000	
<b>1907</b>	2.500000	
<b>1904</b>	3.000000	
<b>1903</b>	2.125000	
<b>1900</b>	2.758065	

rating		
genres_split	year	
Mystery	2019	3.259706

**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.264434
<b>2017</b>	3.436900
<b>2016</b>	3.482802
<b>2015</b>	3.424315
<b>2014</b>	3.450163
<b>2013</b>	3.643616
<b>2012</b>	3.319745
<b>2011</b>	3.637024
<b>2010</b>	3.967976
<b>2009</b>	3.708201
<b>2008</b>	3.400495
<b>2007</b>	3.647312
<b>2006</b>	3.647512
<b>2005</b>	3.613143
<b>2004</b>	3.410552
<b>2003</b>	3.770597
<b>2002</b>	3.572818
<b>2001</b>	3.626484
<b>2000</b>	3.744741
<b>1999</b>	3.596228
<b>1998</b>	3.309315
<b>1997</b>	3.569717
<b>1996</b>	3.510613
<b>1995</b>	3.880042
<b>1994</b>	3.415793
<b>1993</b>	3.186024
<b>1992</b>	3.879093
<b>1991</b>	3.473217
<b>1990</b>	3.581467
<b>1989</b>	3.180466
<b>1988</b>	3.522795
<b>1987</b>	3.605205
<b>1986</b>	3.685680
<b>1985</b>	3.430076
<b>1984</b>	3.156131

genres_split	rating
year	
<b>1983</b>	3.050836
<b>1982</b>	3.795601
<b>1981</b>	3.667792
<b>1980</b>	3.125137
<b>1979</b>	3.549463
<b>1978</b>	3.519955
<b>1977</b>	3.460310
<b>1976</b>	3.571522
<b>1975</b>	3.677060
<b>1974</b>	4.100153
<b>1973</b>	3.690887
<b>1972</b>	3.792773
<b>1971</b>	3.654727
<b>1970</b>	3.343750
<b>1969</b>	3.878324
<b>1968</b>	3.100233
<b>1967</b>	4.011541
<b>1966</b>	3.750634
<b>1965</b>	3.353784
<b>1964</b>	3.629806
<b>1963</b>	3.979922
<b>1962</b>	3.962879
<b>1961</b>	3.704724
<b>1960</b>	3.800641
<b>1959</b>	4.163819
<b>1958</b>	3.972525
<b>1957</b>	4.028960
<b>1956</b>	3.808893
<b>1955</b>	3.884973
<b>1954</b>	4.194170
<b>1953</b>	3.271709
<b>1952</b>	3.467290
<b>1951</b>	2.933333
<b>1950</b>	4.043241
<b>1949</b>	4.180624

genres_split	year	rating
	<b>1948</b>	3.585366
	<b>1947</b>	3.658654
	<b>1946</b>	4.072181
	<b>1945</b>	3.819638
	<b>1944</b>	4.026509
	<b>1943</b>	3.167866
	<b>1942</b>	3.536729
	<b>1941</b>	4.101904
	<b>1940</b>	4.004705
	<b>1939</b>	3.677106
	<b>1938</b>	4.025568
	<b>1937</b>	2.984375
	<b>1936</b>	3.785596
	<b>1935</b>	3.938360
	<b>1934</b>	2.770270
	<b>1933</b>	3.819149
	<b>1932</b>	3.200787
	<b>1931</b>	3.999475
	<b>1930</b>	3.061151
	<b>1929</b>	3.062500
	<b>1928</b>	3.961538
	<b>1927</b>	3.302326
	<b>1926</b>	3.250000
	<b>1925</b>	3.100000
	<b>1922</b>	3.612805
	<b>1919</b>	2.833333
	<b>1918</b>	2.750000
	<b>1916</b>	3.000000

rating	
genres_split	year
Musical	2015
3.213333	

**rating****genres\_split year**

genres_split	rating
year	
<b>2014</b>	3.128928
<b>2013</b>	3.475168
<b>2012</b>	3.450459
<b>2011</b>	3.383060
<b>2010</b>	3.706708
<b>2009</b>	3.116498
<b>2008</b>	3.458944
<b>2007</b>	3.430992
<b>2006</b>	3.382141
<b>2005</b>	3.565019
<b>2004</b>	3.443506
<b>2003</b>	3.374687
<b>2002</b>	3.334381
<b>2001</b>	3.402045
<b>2000</b>	3.711174
<b>1999</b>	3.643605
<b>1998</b>	3.457190
<b>1997</b>	3.387603
<b>1996</b>	3.212167
<b>1995</b>	2.991807
<b>1994</b>	3.807401
<b>1993</b>	3.702795
<b>1992</b>	3.664207
<b>1991</b>	3.625463
<b>1990</b>	3.261246
<b>1989</b>	3.502165
<b>1988</b>	3.171498
<b>1987</b>	3.256788
<b>1986</b>	3.466671
<b>1985</b>	3.246711
<b>1984</b>	3.540820
<b>1983</b>	2.923120
<b>1982</b>	3.195448
<b>1981</b>	3.531198
<b>1980</b>	3.568759

genres_split	year	rating
	<b>1979</b>	3.677395
	<b>1978</b>	3.274059
	<b>1977</b>	3.211280
	<b>1976</b>	3.383947
	<b>1975</b>	3.396096
	<b>1974</b>	3.252488
	<b>1973</b>	3.643337
	<b>1972</b>	3.766002
	<b>1971</b>	3.685986
	<b>1970</b>	3.795655
	<b>1969</b>	3.281942
	<b>1968</b>	3.596376
	<b>1967</b>	3.529688
	<b>1966</b>	3.720336
	<b>1965</b>	3.752636
	<b>1964</b>	3.780108
	<b>1963</b>	3.532233
	<b>1962</b>	3.597137
	<b>1961</b>	3.637528
	<b>1960</b>	3.157854
	<b>1959</b>	3.585526
	<b>1958</b>	3.531292
	<b>1957</b>	3.506686
	<b>1956</b>	3.726794
	<b>1955</b>	3.610952
	<b>1954</b>	3.642800
	<b>1953</b>	3.583519
	<b>1952</b>	4.024487
	<b>1951</b>	3.654920
	<b>1950</b>	3.546648
	<b>1949</b>	3.710526
	<b>1948</b>	3.740421
	<b>1947</b>	3.444318
	<b>1946</b>	3.508485
	<b>1945</b>	3.310425

**rating**

genres_split	year	rating
	<b>1944</b>	3.666106
	<b>1943</b>	3.448741
	<b>1942</b>	3.769773
	<b>1941</b>	3.495881
	<b>1940</b>	3.594492
	<b>1939</b>	3.933206
	<b>1938</b>	3.194444
	<b>1937</b>	3.620621
	<b>1936</b>	3.596257
	<b>1935</b>	3.996243
	<b>1934</b>	3.746933
	<b>1933</b>	4.020986
	<b>1932</b>	3.445205
	<b>1931</b>	3.608456
	<b>1930</b>	3.887786
	<b>1929</b>	3.495943
	<b>1928</b>	3.437853
	<b>1927</b>	2.981651

genres_split	year	rating
IMAX	2015	3.738913
	2014	3.689642
	2013	3.430331
	2012	3.581591
	2011	3.392172
	2010	3.748093
	2009	3.606696
	2008	3.914908
	2007	3.415531
	2006	3.543702
	2005	3.700869
	2004	3.595748
	2003	3.304202
	2002	3.097258
	2001	3.495575
	2000	3.135417
	1999	3.510277
	1998	3.800645
	1997	3.334615
	1995	3.870971
	1994	3.817641
	1992	3.134615
	1991	3.681300
	1985	3.677083
	1982	3.452381

rating	
genres_split	year
Horror	2019
3.099531	

**rating****genres\_split year**

**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.275161
<b>2017</b>	3.386860
<b>2016</b>	3.007513
<b>2015</b>	3.119894
<b>2014</b>	3.247259
<b>2013</b>	3.234017
<b>2012</b>	3.248746
<b>2011</b>	2.966775
<b>2010</b>	3.155756
<b>2009</b>	3.210475
<b>2008</b>	3.251002
<b>2007</b>	3.346591
<b>2006</b>	2.916112
<b>2005</b>	3.021550
<b>2004</b>	3.309782
<b>2003</b>	3.009695
<b>2002</b>	3.255871
<b>2001</b>	3.283224
<b>2000</b>	3.090175
<b>1999</b>	3.350381
<b>1998</b>	2.861707
<b>1997</b>	2.998265
<b>1996</b>	3.157498
<b>1995</b>	2.929650
<b>1994</b>	3.284367
<b>1993</b>	3.276206
<b>1992</b>	3.079639
<b>1991</b>	4.066978
<b>1990</b>	3.132210
<b>1989</b>	2.568303
<b>1988</b>	2.768082
<b>1987</b>	3.307730
<b>1986</b>	3.549662
<b>1985</b>	2.960709
<b>1984</b>	3.141675

genres_split	rating
year	
<b>1983</b>	2.873993
<b>1982</b>	3.360708
<b>1981</b>	3.279455
<b>1980</b>	3.703540
<b>1979</b>	3.904358
<b>1978</b>	3.196999
<b>1977</b>	3.227054
<b>1976</b>	3.476027
<b>1975</b>	3.616039
<b>1974</b>	3.184381
<b>1973</b>	3.668973
<b>1972</b>	2.863170
<b>1971</b>	3.178364
<b>1970</b>	3.045918
<b>1969</b>	3.157534
<b>1968</b>	3.687616
<b>1967</b>	3.372521
<b>1966</b>	2.791932
<b>1965</b>	3.560865
<b>1964</b>	3.421520
<b>1963</b>	3.644894
<b>1962</b>	3.426332
<b>1961</b>	3.378442
<b>1960</b>	3.887057
<b>1959</b>	2.905340
<b>1958</b>	3.223714
<b>1957</b>	2.920206
<b>1956</b>	3.644881
<b>1955</b>	3.398931
<b>1954</b>	3.307997
<b>1953</b>	3.190157
<b>1952</b>	3.355769
<b>1951</b>	3.607040
<b>1950</b>	3.270833
<b>1949</b>	3.440476

genres_split	year	rating
	<b>1948</b>	3.434537
	<b>1947</b>	2.125000
	<b>1946</b>	2.913462
	<b>1945</b>	3.472255
	<b>1944</b>	2.998675
	<b>1943</b>	3.213058
	<b>1942</b>	3.098262
	<b>1941</b>	3.497384
	<b>1940</b>	2.716738
	<b>1939</b>	3.238272
	<b>1938</b>	2.937500
	<b>1937</b>	3.000000
	<b>1936</b>	2.972906
	<b>1935</b>	3.691030
	<b>1934</b>	3.145299
	<b>1933</b>	3.546944
	<b>1932</b>	3.492962
	<b>1931</b>	3.774522
	<b>1928</b>	3.254386
	<b>1927</b>	3.496429
	<b>1926</b>	3.750708
	<b>1925</b>	3.451417
	<b>1924</b>	3.217391
	<b>1923</b>	3.257576
	<b>1922</b>	3.868574
	<b>1920</b>	3.845205
	<b>1919</b>	3.444444
	<b>1915</b>	3.527778
	<b>1914</b>	3.222222
	<b>1913</b>	3.318182
	<b>1911</b>	3.500000
	<b>1910</b>	3.354839
	<b>1909</b>	2.700000
	<b>1908</b>	3.000000
	<b>1907</b>	3.125000

genres_split	year	rating
<b>1906</b>	2.750000	
<b>1903</b>	2.818182	
<b>1901</b>	3.500000	
<b>1900</b>	2.750000	
<b>1899</b>	3.111111	
<b>1897</b>	2.500000	
<b>1896</b>	2.627907	

rating	
genres_split	year
Film-Noir	2013
2.908163	

genres_split	rating
year	
<b>2012</b>	2.693939
<b>2011</b>	3.786749
<b>2010</b>	2.975430
<b>2009</b>	3.289562
<b>2008</b>	3.068182
<b>2007</b>	3.191489
<b>2006</b>	3.332727
<b>2005</b>	3.767713
<b>2003</b>	3.356209
<b>2001</b>	3.839770
<b>1998</b>	3.804019
<b>1997</b>	3.993991
<b>1996</b>	3.279274
<b>1995</b>	3.456475
<b>1994</b>	3.677686
<b>1993</b>	3.249104
<b>1992</b>	3.566240
<b>1990</b>	3.827462
<b>1988</b>	3.244467
<b>1987</b>	3.721549
<b>1986</b>	4.007695
<b>1985</b>	2.777778
<b>1984</b>	3.999609
<b>1982</b>	3.609091
<b>1978</b>	3.607914
<b>1976</b>	3.752232
<b>1974</b>	4.166822
<b>1973</b>	3.858624
<b>1972</b>	3.500000
<b>1966</b>	3.656863
<b>1965</b>	3.750000
<b>1964</b>	3.344660
<b>1963</b>	4.138168
<b>1961</b>	2.333333
<b>1960</b>	3.975124

genres_split	year	rating
	<b>1958</b>	4.114452
	<b>1957</b>	3.999461
	<b>1956</b>	3.891092
	<b>1955</b>	3.856592
	<b>1954</b>	3.356502
	<b>1953</b>	3.807358
	<b>1952</b>	3.470339
	<b>1951</b>	4.076118
	<b>1950</b>	4.092598
	<b>1949</b>	4.094902
	<b>1948</b>	3.823570
	<b>1947</b>	3.767139
	<b>1946</b>	4.077040
	<b>1945</b>	3.800338
	<b>1944</b>	4.102607
	<b>1943</b>	3.145669
	<b>1942</b>	3.583984
	<b>1941</b>	4.110738
	<b>1940</b>	3.775473
	<b>1938</b>	3.750725
	<b>1937</b>	3.476804
	<b>1936</b>	3.795977
	<b>1932</b>	3.809603
	<b>1931</b>	4.153003
	<b>1930</b>	2.500000
	<b>1928</b>	4.166667
	<b>1927</b>	3.375000

rating		
genres_split	year	
Fantasy	2019	3.155644

**rating****genres\_split year**

**rating****genres\_split year**

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<b>genres_split</b>	<b>rating</b>
<b>2018</b>	3.242661
<b>2017</b>	3.462031
<b>2016</b>	3.531852
<b>2015</b>	3.654205
<b>2014</b>	3.448187
<b>2013</b>	3.387173
<b>2012</b>	3.364133
<b>2011</b>	3.395618
<b>2010</b>	3.527316
<b>2009</b>	3.470104
<b>2008</b>	3.283018
<b>2007</b>	3.392077
<b>2006</b>	3.504065
<b>2005</b>	3.356631
<b>2004</b>	3.448593
<b>2003</b>	3.694388
<b>2002</b>	3.677481
<b>2001</b>	3.809377
<b>2000</b>	3.070841
<b>1999</b>	3.523347
<b>1998</b>	3.280351
<b>1997</b>	3.195862
<b>1996</b>	3.000503
<b>1995</b>	3.544681
<b>1994</b>	3.088068
<b>1993</b>	3.436991
<b>1992</b>	3.499276
<b>1991</b>	3.452281
<b>1990</b>	3.459143
<b>1989</b>	3.197639
<b>1988</b>	3.579028
<b>1987</b>	3.921912
<b>1986</b>	3.525329
<b>1985</b>	3.552516
<b>1984</b>	3.532717

genres_split	rating
year	
<b>1983</b>	3.383583
<b>1982</b>	3.431518
<b>1981</b>	3.568578
<b>1980</b>	2.616162
<b>1979</b>	3.740662
<b>1978</b>	3.329612
<b>1977</b>	3.192749
<b>1976</b>	3.323569
<b>1975</b>	4.082262
<b>1974</b>	3.837270
<b>1973</b>	3.474313
<b>1972</b>	3.851867
<b>1971</b>	3.710517
<b>1970</b>	3.388786
<b>1969</b>	3.383212
<b>1968</b>	3.500872
<b>1967</b>	3.297432
<b>1966</b>	3.587667
<b>1965</b>	3.691992
<b>1964</b>	3.685298
<b>1963</b>	3.712297
<b>1962</b>	3.672112
<b>1961</b>	3.246299
<b>1960</b>	3.478355
<b>1959</b>	3.258124
<b>1958</b>	3.608809
<b>1957</b>	3.237327
<b>1956</b>	3.777433
<b>1955</b>	3.094595
<b>1954</b>	3.372774
<b>1953</b>	3.561011
<b>1952</b>	3.125000
<b>1951</b>	3.642913
<b>1950</b>	3.681344
<b>1949</b>	3.086207

genres_split	year	rating
	<b>1948</b>	3.880556
	<b>1947</b>	3.792942
	<b>1946</b>	4.025434
	<b>1945</b>	3.600000
	<b>1944</b>	3.227679
	<b>1943</b>	3.616379
	<b>1942</b>	3.512835
	<b>1941</b>	3.570711
	<b>1940</b>	3.597797
	<b>1939</b>	3.936677
	<b>1938</b>	3.817358
	<b>1937</b>	3.580098
	<b>1936</b>	2.928571
	<b>1935</b>	3.065854
	<b>1934</b>	3.523454
	<b>1933</b>	3.529632
	<b>1932</b>	3.646127
	<b>1930</b>	3.500000
	<b>1929</b>	3.760426
	<b>1928</b>	2.840909
	<b>1926</b>	3.807500
	<b>1925</b>	3.404412
	<b>1924</b>	3.852839
	<b>1923</b>	2.428571
	<b>1922</b>	3.227273
	<b>1921</b>	3.489583
	<b>1920</b>	3.873292
	<b>1919</b>	2.933333
	<b>1918</b>	2.333333
	<b>1917</b>	2.714286
	<b>1916</b>	3.318182
	<b>1915</b>	2.900000
	<b>1914</b>	2.230769
	<b>1912</b>	3.000000
	<b>1911</b>	3.500000

genres_split	rating
<b>1910</b>	2.357143
<b>1909</b>	3.093750
<b>1908</b>	3.250000
<b>1907</b>	2.732143
<b>1906</b>	2.953125
<b>1905</b>	3.086207
<b>1904</b>	3.327586
<b>1903</b>	2.947761
<b>1902</b>	3.735169
<b>1901</b>	3.525000
<b>1900</b>	3.343750
<b>1899</b>	3.076923
<b>1898</b>	3.594595
<b>1897</b>	3.750000
<b>1896</b>	2.360000

rating	
genres_split	year
Drama	2019
3.410363	

**rating****genres\_split year**

**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.486911
<b>2017</b>	3.528043
<b>2016</b>	3.613196
<b>2015</b>	3.688328
<b>2014</b>	3.719227
<b>2013</b>	3.643280
<b>2012</b>	3.631248
<b>2011</b>	3.631597
<b>2010</b>	3.712057
<b>2009</b>	3.598260
<b>2008</b>	3.660277
<b>2007</b>	3.653230
<b>2006</b>	3.707140
<b>2005</b>	3.509188
<b>2004</b>	3.645244
<b>2003</b>	3.673752
<b>2002</b>	3.620249
<b>2001</b>	3.549120
<b>2000</b>	3.604875
<b>1999</b>	3.718991
<b>1998</b>	3.632729
<b>1997</b>	3.634012
<b>1996</b>	3.585827
<b>1995</b>	3.595235
<b>1994</b>	3.784987
<b>1993</b>	3.633767
<b>1992</b>	3.584368
<b>1991</b>	3.538864
<b>1990</b>	3.662402
<b>1989</b>	3.676940
<b>1988</b>	3.675254
<b>1987</b>	3.669897
<b>1986</b>	3.647622
<b>1985</b>	3.624883
<b>1984</b>	3.720537

genres_split	rating
year	
<b>1983</b>	3.667611
<b>1982</b>	3.668511
<b>1981</b>	3.747028
<b>1980</b>	3.662104
<b>1979</b>	3.826765
<b>1978</b>	3.787973
<b>1977</b>	3.600905
<b>1976</b>	3.842392
<b>1975</b>	4.041625
<b>1974</b>	4.022253
<b>1973</b>	3.770412
<b>1972</b>	4.073867
<b>1971</b>	3.851602
<b>1970</b>	3.799526
<b>1969</b>	3.752419
<b>1968</b>	3.825741
<b>1967</b>	3.936199
<b>1966</b>	3.839539
<b>1965</b>	3.811712
<b>1964</b>	3.809248
<b>1963</b>	3.944411
<b>1962</b>	4.008273
<b>1961</b>	3.825358
<b>1960</b>	3.848902
<b>1959</b>	3.847773
<b>1958</b>	3.976142
<b>1957</b>	4.066725
<b>1956</b>	3.741909
<b>1955</b>	3.817975
<b>1954</b>	3.940720
<b>1953</b>	3.797335
<b>1952</b>	3.863390
<b>1951</b>	3.939643
<b>1950</b>	4.078311
<b>1949</b>	3.658845

genres_split	year	rating
	<b>1948</b>	3.959484
	<b>1947</b>	3.715167
	<b>1946</b>	3.955211
	<b>1945</b>	3.762869
	<b>1944</b>	3.955368
	<b>1943</b>	3.807617
	<b>1942</b>	4.002965
	<b>1941</b>	3.857833
	<b>1940</b>	4.010394
	<b>1939</b>	3.828126
	<b>1938</b>	3.790533
	<b>1937</b>	3.623453
	<b>1936</b>	3.914750
	<b>1935</b>	3.824188
	<b>1934</b>	3.658733
	<b>1933</b>	3.500264
	<b>1932</b>	3.675339
	<b>1931</b>	3.860195
	<b>1930</b>	3.829389
	<b>1929</b>	3.422143
	<b>1928</b>	3.769022
	<b>1927</b>	3.901267
	<b>1926</b>	3.489189
	<b>1925</b>	3.714097
	<b>1924</b>	3.724022
	<b>1923</b>	3.245059
	<b>1922</b>	3.586466
	<b>1921</b>	3.873312
	<b>1920</b>	3.340708
	<b>1919</b>	3.378995
	<b>1918</b>	3.121951
	<b>1917</b>	2.988095
	<b>1916</b>	3.542636
	<b>1915</b>	3.132653
	<b>1914</b>	3.027778

**rating**

<b>genres_split</b>	<b>year</b>
<b>1913</b>	3.228814
<b>1912</b>	2.937500
<b>1911</b>	3.421053
<b>1910</b>	3.177083
<b>1909</b>	2.500000
<b>1908</b>	2.833333
<b>1907</b>	2.500000
<b>1906</b>	2.400000
<b>1905</b>	3.250000
<b>1904</b>	2.750000
<b>1903</b>	3.222222
<b>1902</b>	3.100000
<b>1901</b>	3.214286
<b>1900</b>	3.166667
<b>1899</b>	3.000000
<b>1898</b>	3.541667
<b>1897</b>	2.833333
<b>1895</b>	2.666667
<b>1894</b>	1.666667

rating	
genres_split	year
Documentary	2019
3.380627	

**rating****genres\_split year**

**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.655114
<b>2017</b>	3.662528
<b>2016</b>	3.748803
<b>2015</b>	3.682858
<b>2014</b>	3.674113
<b>2013</b>	3.635170
<b>2012</b>	3.690343
<b>2011</b>	3.737517
<b>2010</b>	3.738070
<b>2009</b>	3.618492
<b>2008</b>	3.699944
<b>2007</b>	3.648562
<b>2006</b>	3.699109
<b>2005</b>	3.695145
<b>2004</b>	3.511087
<b>2003</b>	3.811013
<b>2002</b>	3.598366
<b>2001</b>	3.769860
<b>2000</b>	3.608459
<b>1999</b>	3.730332
<b>1998</b>	3.694933
<b>1997</b>	3.657721
<b>1996</b>	3.857346
<b>1995</b>	3.616347
<b>1994</b>	3.961380
<b>1993</b>	3.915307
<b>1992</b>	3.930754
<b>1991</b>	3.493678
<b>1990</b>	3.751599
<b>1989</b>	3.878056
<b>1988</b>	3.866012
<b>1987</b>	3.657676
<b>1986</b>	3.664474
<b>1985</b>	3.641026
<b>1984</b>	4.055760

genres_split	rating
year	
<b>1983</b>	3.908666
<b>1982</b>	3.758647
<b>1981</b>	3.358202
<b>1980</b>	3.305707
<b>1979</b>	3.729452
<b>1978</b>	3.581169
<b>1977</b>	3.752240
<b>1976</b>	3.673291
<b>1975</b>	3.802935
<b>1974</b>	3.788401
<b>1973</b>	3.652985
<b>1972</b>	3.600000
<b>1971</b>	3.588757
<b>1970</b>	3.850659
<b>1969</b>	3.843750
<b>1968</b>	3.767221
<b>1967</b>	3.723596
<b>1966</b>	3.751743
<b>1965</b>	3.713710
<b>1964</b>	3.943182
<b>1963</b>	3.241176
<b>1962</b>	2.979592
<b>1961</b>	3.521739
<b>1960</b>	2.919355
<b>1959</b>	3.363636
<b>1958</b>	3.121622
<b>1957</b>	2.952830
<b>1956</b>	3.464286
<b>1955</b>	4.002278
<b>1954</b>	3.666667
<b>1953</b>	2.970000
<b>1952</b>	3.666667
<b>1951</b>	2.833333
<b>1950</b>	4.166667
<b>1949</b>	3.369565

genres_split	rating
year	
<b>1948</b>	2.600000
<b>1947</b>	3.000000
<b>1946</b>	3.928571
<b>1945</b>	2.970588
<b>1944</b>	3.500000
<b>1943</b>	3.107843
<b>1942</b>	2.795455
<b>1940</b>	1.791667
<b>1938</b>	3.663636
<b>1936</b>	2.900000
<b>1935</b>	3.500000
<b>1934</b>	3.721408
<b>1933</b>	3.426829
<b>1932</b>	3.000000
<b>1931</b>	2.555556
<b>1930</b>	3.222973
<b>1929</b>	3.990323
<b>1928</b>	2.750000
<b>1927</b>	3.451807
<b>1926</b>	3.315789
<b>1925</b>	3.125000
<b>1924</b>	3.588235
<b>1923</b>	2.250000
<b>1922</b>	3.649096
<b>1921</b>	3.200000
<b>1919</b>	3.000000
<b>1916</b>	3.000000
<b>1906</b>	2.500000
<b>1905</b>	2.700000
<b>1904</b>	3.000000
<b>1903</b>	1.694444
<b>1901</b>	2.648148
<b>1900</b>	3.181818
<b>1898</b>	2.375000
<b>1897</b>	2.833333

genres_split	year	rating
<b>1896</b>	3.054545	
<b>1895</b>	2.738889	
<b>1894</b>	2.395238	
<b>1891</b>	1.818182	
<b>1888</b>	2.348214	
<b>1880</b>	2.666667	
<b>1874</b>	2.970588	

rating	
genres_split	year
Crime	2019
3.427991	

**rating****genres\_split year**

**rating****genres\_split year**

<b>genres_split</b>	<b>rating</b>
<b>2018</b>	3.402313
<b>2017</b>	3.624941
<b>2016</b>	3.400887
<b>2015</b>	3.518644
<b>2014</b>	3.476680
<b>2013</b>	3.485272
<b>2012</b>	3.674627
<b>2011</b>	3.542929
<b>2010</b>	3.899351
<b>2009</b>	3.546569
<b>2008</b>	3.762878
<b>2007</b>	3.703065
<b>2006</b>	3.688199
<b>2005</b>	3.654040
<b>2004</b>	3.499463
<b>2003</b>	3.466041
<b>2002</b>	3.637070
<b>2001</b>	3.541876
<b>2000</b>	3.578116
<b>1999</b>	3.898542
<b>1998</b>	3.682222
<b>1997</b>	3.631012
<b>1996</b>	3.656764
<b>1995</b>	3.528423
<b>1994</b>	3.872679
<b>1993</b>	3.587834
<b>1992</b>	3.641767
<b>1991</b>	3.927984
<b>1990</b>	3.660423
<b>1989</b>	3.368904
<b>1988</b>	3.690172
<b>1987</b>	3.501191
<b>1986</b>	3.283173
<b>1985</b>	3.290482
<b>1984</b>	3.576552

genres_split	year	rating
	<b>1983</b>	3.847020
	<b>1982</b>	3.385008
	<b>1981</b>	3.722917
	<b>1980</b>	3.473368
	<b>1979</b>	3.794828
	<b>1978</b>	3.571707
	<b>1977</b>	3.451715
	<b>1976</b>	3.993928
	<b>1975</b>	3.771408
	<b>1974</b>	4.161627
	<b>1973</b>	3.959411
	<b>1972</b>	4.272980
	<b>1971</b>	3.915875
	<b>1970</b>	3.607274
	<b>1969</b>	3.720225
	<b>1968</b>	3.571439
	<b>1967</b>	3.865316
	<b>1966</b>	3.609287
	<b>1965</b>	3.718669
	<b>1964</b>	3.747258
	<b>1963</b>	3.849596
	<b>1962</b>	3.994915
	<b>1961</b>	3.530973
	<b>1960</b>	4.003170
	<b>1959</b>	4.032230
	<b>1958</b>	4.002820
	<b>1957</b>	2.949275
	<b>1956</b>	3.958004
	<b>1955</b>	3.887884
	<b>1954</b>	4.056273
	<b>1953</b>	3.382534
	<b>1952</b>	3.438318
	<b>1951</b>	4.052062
	<b>1950</b>	4.024557
	<b>1949</b>	3.709710

genres_split	year	rating
	<b>1948</b>	3.877937
	<b>1947</b>	3.633056
	<b>1946</b>	4.051453
	<b>1945</b>	3.771400
	<b>1944</b>	4.107325
	<b>1943</b>	4.029520
	<b>1942</b>	3.456067
	<b>1941</b>	3.679870
	<b>1940</b>	2.840741
	<b>1939</b>	3.650370
	<b>1938</b>	3.596963
	<b>1937</b>	3.470930
	<b>1936</b>	3.690223
	<b>1935</b>	3.344937
	<b>1934</b>	4.106686
	<b>1933</b>	3.744514
	<b>1932</b>	3.723149
	<b>1931</b>	4.067724
	<b>1930</b>	2.955556
	<b>1929</b>	3.041667
	<b>1928</b>	3.330189
	<b>1927</b>	3.455516
	<b>1926</b>	2.913793
	<b>1925</b>	3.454545
	<b>1924</b>	3.217391
	<b>1923</b>	3.000000
	<b>1922</b>	3.640127
	<b>1921</b>	3.055556
	<b>1920</b>	3.901183
	<b>1916</b>	2.875000
	<b>1915</b>	3.388889
	<b>1914</b>	2.884615
	<b>1913</b>	3.296296
	<b>1912</b>	2.928571
	<b>1909</b>	2.750000

genres_split	year	rating
<b>1908</b>	3.333333	
<b>1906</b>	2.611111	
<b>1903</b>	3.339552	
<b>1901</b>	2.928571	

rating	
genres_split	year
Comedy	2019
3.267308	

**rating****genres\_split year**

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**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.516726
<b>2017</b>	3.336824
<b>2016</b>	3.516651
<b>2015</b>	3.487811
<b>2014</b>	3.554335
<b>2013</b>	3.437091
<b>2012</b>	3.474196
<b>2011</b>	3.432102
<b>2010</b>	3.467182
<b>2009</b>	3.404766
<b>2008</b>	3.315482
<b>2007</b>	3.410153
<b>2006</b>	3.324520
<b>2005</b>	3.294473
<b>2004</b>	3.410470
<b>2003</b>	3.416170
<b>2002</b>	3.220481
<b>2001</b>	3.374558
<b>2000</b>	3.245426
<b>1999</b>	3.356303
<b>1998</b>	3.489529
<b>1997</b>	3.408293
<b>1996</b>	3.336487
<b>1995</b>	3.340279
<b>1994</b>	3.450508
<b>1993</b>	3.316381
<b>1992</b>	3.342641
<b>1991</b>	3.322906
<b>1990</b>	3.216276
<b>1989</b>	3.383419
<b>1988</b>	3.405747
<b>1987</b>	3.543172
<b>1986</b>	3.332961
<b>1985</b>	3.589184
<b>1984</b>	3.516359

genres_split	year	rating
	<b>1983</b>	3.671391
	<b>1982</b>	3.368089
	<b>1981</b>	3.452812
	<b>1980</b>	3.570705
	<b>1979</b>	3.811105
	<b>1978</b>	3.423107
	<b>1977</b>	3.679451
	<b>1976</b>	3.645970
	<b>1975</b>	3.853731
	<b>1974</b>	3.810281
	<b>1973</b>	3.914232
	<b>1972</b>	3.618521
	<b>1971</b>	3.768608
	<b>1970</b>	3.746870
	<b>1969</b>	3.439694
	<b>1968</b>	3.594821
	<b>1967</b>	3.799831
	<b>1966</b>	3.562084
	<b>1965</b>	3.505058
	<b>1964</b>	3.961390
	<b>1963</b>	3.543127
	<b>1962</b>	3.604317
	<b>1961</b>	3.462881
	<b>1960</b>	3.615701
	<b>1959</b>	3.899264
	<b>1958</b>	3.697281
	<b>1957</b>	3.619250
	<b>1956</b>	3.566229
	<b>1955</b>	3.667787
	<b>1954</b>	3.813386
	<b>1953</b>	3.883019
	<b>1952</b>	3.962250
	<b>1951</b>	4.009086
	<b>1950</b>	3.708213
	<b>1949</b>	3.793006

genres_split	rating
year	
<b>1948</b>	3.479876
<b>1947</b>	3.705526
<b>1946</b>	3.497340
<b>1945</b>	3.571775
<b>1944</b>	3.970227
<b>1943</b>	3.298537
<b>1942</b>	3.826099
<b>1941</b>	3.799103
<b>1940</b>	4.031376
<b>1939</b>	3.834659
<b>1938</b>	3.876829
<b>1937</b>	3.830629
<b>1936</b>	3.990314
<b>1935</b>	3.914831
<b>1934</b>	4.033574
<b>1933</b>	3.960311
<b>1932</b>	3.796937
<b>1931</b>	3.981540
<b>1930</b>	3.781011
<b>1929</b>	3.674648
<b>1928</b>	3.601282
<b>1927</b>	3.447785
<b>1926</b>	4.037692
<b>1925</b>	3.953008
<b>1924</b>	3.856659
<b>1923</b>	3.772026
<b>1922</b>	3.386266
<b>1921</b>	3.857544
<b>1920</b>	3.531136
<b>1919</b>	3.231651
<b>1918</b>	3.427419
<b>1917</b>	3.411458
<b>1916</b>	2.908759
<b>1915</b>	2.689474
<b>1914</b>	2.489189

**rating**

<b>genres_split</b>	<b>year</b>	<b>rating</b>
	<b>1912</b>	3.361702
	<b>1911</b>	3.590909
	<b>1910</b>	2.562500
	<b>1909</b>	2.880952
	<b>1908</b>	3.040000
	<b>1907</b>	2.600000
	<b>1906</b>	3.000000
	<b>1905</b>	3.218750
	<b>1904</b>	3.227273
	<b>1903</b>	2.833333
	<b>1901</b>	3.163043
	<b>1900</b>	3.229167
	<b>1899</b>	3.375000
	<b>1898</b>	3.285714
	<b>1897</b>	3.000000
	<b>1896</b>	2.350000
	<b>1895</b>	2.937500
	<b>1894</b>	2.264706
	<b>1890</b>	2.100000

rating	
genres_split	year
Children	2019

**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.399897
<b>2017</b>	3.612224
<b>2016</b>	3.697815
<b>2015</b>	3.599188
<b>2014</b>	3.441202
<b>2013</b>	3.377477
<b>2012</b>	3.441526
<b>2011</b>	3.262099
<b>2010</b>	3.668253
<b>2009</b>	3.696221
<b>2008</b>	3.671025
<b>2007</b>	3.442141
<b>2006</b>	3.114331
<b>2005</b>	3.252132
<b>2004</b>	3.488123
<b>2003</b>	3.454014
<b>2002</b>	3.204077
<b>2001</b>	3.633565
<b>2000</b>	3.184483
<b>1999</b>	3.487765
<b>1998</b>	3.276137
<b>1997</b>	2.840590
<b>1996</b>	3.023783
<b>1995</b>	3.473925
<b>1994</b>	3.284949
<b>1993</b>	3.305690
<b>1992</b>	3.350568
<b>1991</b>	3.507482
<b>1990</b>	3.052260
<b>1989</b>	3.337234
<b>1988</b>	3.597948
<b>1987</b>	3.014236
<b>1986</b>	3.534355
<b>1985</b>	3.406515
<b>1984</b>	3.502188

genres_split	rating
year	
<b>1983</b>	3.925590
<b>1982</b>	3.704547
<b>1981</b>	3.416249
<b>1980</b>	2.789621
<b>1979</b>	3.411658
<b>1978</b>	3.214648
<b>1977</b>	3.201967
<b>1976</b>	3.129393
<b>1975</b>	3.080917
<b>1974</b>	2.910618
<b>1973</b>	3.620627
<b>1972</b>	3.435268
<b>1971</b>	3.652862
<b>1970</b>	3.397455
<b>1969</b>	3.098847
<b>1968</b>	3.561980
<b>1967</b>	3.536001
<b>1966</b>	3.604980
<b>1965</b>	3.462873
<b>1964</b>	3.717183
<b>1963</b>	3.482356
<b>1962</b>	3.634286
<b>1961</b>	3.399641
<b>1960</b>	3.461251
<b>1959</b>	3.470955
<b>1958</b>	2.696429
<b>1957</b>	3.550510
<b>1956</b>	3.778530
<b>1955</b>	3.587774
<b>1954</b>	3.200000
<b>1953</b>	3.574329
<b>1952</b>	3.510870
<b>1951</b>	3.625778
<b>1950</b>	3.551163
<b>1949</b>	3.280150

genres_split	year	rating
	<b>1948</b>	3.309651
	<b>1947</b>	3.274021
	<b>1946</b>	3.984268
	<b>1945</b>	3.170743
	<b>1944</b>	3.536508
	<b>1943</b>	3.020053
	<b>1942</b>	3.500130
	<b>1941</b>	3.471773
	<b>1940</b>	3.597887
	<b>1939</b>	3.909845
	<b>1938</b>	3.810660
	<b>1937</b>	3.576598
	<b>1936</b>	3.307692
	<b>1935</b>	3.298319
	<b>1934</b>	3.504348
	<b>1933</b>	3.481250
	<b>1932</b>	3.444444
	<b>1931</b>	2.750000
	<b>1929</b>	3.125000
	<b>1928</b>	3.436102
	<b>1927</b>	3.691667
	<b>1925</b>	3.404412
	<b>1922</b>	2.700000
	<b>1915</b>	2.300000
	<b>1914</b>	2.790323
	<b>1905</b>	2.300000
	<b>1902</b>	2.500000
	<b>1899</b>	2.900000

rating	
genres_split	year
Animation	2019
3.305789	

**rating****genres\_split year**

**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.736659
<b>2017</b>	3.572924
<b>2016</b>	3.664502
<b>2015</b>	3.653146
<b>2014</b>	3.711868
<b>2013</b>	3.477639
<b>2012</b>	3.570801
<b>2011</b>	3.260930
<b>2010</b>	3.730430
<b>2009</b>	3.693907
<b>2008</b>	3.738467
<b>2007</b>	3.485985
<b>2006</b>	3.338982
<b>2005</b>	3.392501
<b>2004</b>	3.607896
<b>2003</b>	3.723534
<b>2002</b>	3.423541
<b>2001</b>	3.773133
<b>2000</b>	3.337686
<b>1999</b>	3.703376
<b>1998</b>	3.412386
<b>1997</b>	3.808381
<b>1996</b>	3.222187
<b>1995</b>	3.757929
<b>1994</b>	3.743609
<b>1993</b>	3.858266
<b>1992</b>	3.666123
<b>1991</b>	3.640801
<b>1990</b>	3.299331
<b>1989</b>	3.711619
<b>1988</b>	3.750554
<b>1987</b>	3.483166
<b>1986</b>	3.601262
<b>1985</b>	3.134930
<b>1984</b>	4.056277

genres_split	rating
year	
<b>1983</b>	3.568319
<b>1982</b>	3.735500
<b>1981</b>	3.398678
<b>1980</b>	3.527273
<b>1979</b>	3.791084
<b>1978</b>	3.391959
<b>1977</b>	3.320869
<b>1976</b>	3.686411
<b>1975</b>	3.813202
<b>1974</b>	3.284211
<b>1973</b>	3.634787
<b>1972</b>	3.353196
<b>1971</b>	3.695341
<b>1970</b>	3.397699
<b>1969</b>	3.799578
<b>1968</b>	3.643804
<b>1967</b>	3.642036
<b>1966</b>	3.743961
<b>1965</b>	3.765759
<b>1964</b>	3.394539
<b>1963</b>	3.553648
<b>1962</b>	3.150407
<b>1961</b>	3.434718
<b>1960</b>	2.916667
<b>1959</b>	3.572838
<b>1958</b>	2.833333
<b>1957</b>	3.604027
<b>1956</b>	3.185567
<b>1955</b>	3.587429
<b>1954</b>	3.464844
<b>1953</b>	3.575684
<b>1952</b>	3.465116
<b>1951</b>	3.627168
<b>1950</b>	3.559858
<b>1949</b>	3.481857

genres_split	year	rating
	<b>1948</b>	3.184959
	<b>1947</b>	3.191718
	<b>1946</b>	3.521996
	<b>1945</b>	3.186720
	<b>1944</b>	3.166667
	<b>1943</b>	3.005515
	<b>1942</b>	3.498275
	<b>1941</b>	3.465318
	<b>1940</b>	3.596800
	<b>1939</b>	3.305316
	<b>1938</b>	3.279006
	<b>1937</b>	3.579436
	<b>1936</b>	3.202290
	<b>1935</b>	3.341040
	<b>1934</b>	3.177273
	<b>1933</b>	3.206452
	<b>1932</b>	3.265957
	<b>1931</b>	3.000000
	<b>1930</b>	2.906977
	<b>1929</b>	3.586735
	<b>1928</b>	3.434609
	<b>1927</b>	3.250000
	<b>1926</b>	3.788462
	<b>1925</b>	3.250000
	<b>1924</b>	2.454545
	<b>1923</b>	2.937500
	<b>1922</b>	2.600000
	<b>1921</b>	2.944444
	<b>1920</b>	3.000000
	<b>1916</b>	2.750000
	<b>1915</b>	3.200000
	<b>1914</b>	3.175000
	<b>1912</b>	3.397727
	<b>1911</b>	3.600000
	<b>1910</b>	4.000000

genres_split	year	rating
<b>1908</b>	2.964286	
<b>1906</b>	3.000000	
<b>1900</b>	3.250000	
<b>1892</b>	2.708333	

rating	
genres_split	year
Adventure	2019

**rating****genres\_split year**

**rating****genres\_split year**

genres_split	year	rating
	<b>2018</b>	3.599103
	<b>2017</b>	3.594180
	<b>2016</b>	3.593487
	<b>2015</b>	3.649866
	<b>2014</b>	3.528084
	<b>2013</b>	3.429715
	<b>2012</b>	3.599593
	<b>2011</b>	3.429240
	<b>2010</b>	3.486493
	<b>2009</b>	3.611993
	<b>2008</b>	3.459405
	<b>2007</b>	3.387156
	<b>2006</b>	3.542766
	<b>2005</b>	3.327354
	<b>2004</b>	3.487910
	<b>2003</b>	3.593213
	<b>2002</b>	3.584349
	<b>2001</b>	3.622855
	<b>2000</b>	3.484708
	<b>1999</b>	3.390730
	<b>1998</b>	3.316711
	<b>1997</b>	3.282188
	<b>1996</b>	3.315189
	<b>1995</b>	3.347487
	<b>1994</b>	3.341875
	<b>1993</b>	3.273312
	<b>1992</b>	3.634351
	<b>1991</b>	3.264095
	<b>1990</b>	3.589951
	<b>1989</b>	3.572626
	<b>1988</b>	3.416863
	<b>1987</b>	3.729925
	<b>1986</b>	3.572727
	<b>1985</b>	3.538493
	<b>1984</b>	3.489335

genres_split	rating
year	
<b>1983</b>	3.820776
<b>1982</b>	3.530337
<b>1981</b>	3.826855
<b>1980</b>	3.871175
<b>1979</b>	3.395773
<b>1978</b>	3.378590
<b>1977</b>	3.950451
<b>1976</b>	3.416276
<b>1975</b>	4.067249
<b>1974</b>	3.296991
<b>1973</b>	3.610649
<b>1972</b>	3.648659
<b>1971</b>	3.485272
<b>1970</b>	3.463404
<b>1969</b>	3.681843
<b>1968</b>	3.822834
<b>1967</b>	3.256372
<b>1966</b>	3.969072
<b>1965</b>	3.573870
<b>1964</b>	3.739842
<b>1963</b>	3.844929
<b>1962</b>	3.957829
<b>1961</b>	3.671074
<b>1960</b>	3.713190
<b>1959</b>	4.006901
<b>1958</b>	3.691957
<b>1957</b>	4.055375
<b>1956</b>	3.670533
<b>1955</b>	3.358757
<b>1954</b>	3.982118
<b>1953</b>	3.717596
<b>1952</b>	3.401738
<b>1951</b>	3.862355
<b>1950</b>	3.427731
<b>1949</b>	3.067539

genres_split	rating
year	
<b>1948</b>	4.042996
<b>1947</b>	3.291878
<b>1946</b>	3.567411
<b>1945</b>	3.141732
<b>1944</b>	3.892125
<b>1943</b>	3.521147
<b>1942</b>	3.485556
<b>1941</b>	3.966842
<b>1940</b>	3.559143
<b>1939</b>	3.904442
<b>1938</b>	3.862387
<b>1937</b>	3.453422
<b>1936</b>	3.160131
<b>1935</b>	3.837901
<b>1934</b>	3.313291
<b>1933</b>	3.518241
<b>1932</b>	3.317181
<b>1931</b>	3.041667
<b>1930</b>	3.264706
<b>1929</b>	3.280488
<b>1928</b>	3.666667
<b>1927</b>	3.281250
<b>1926</b>	3.541885
<b>1925</b>	3.874737
<b>1924</b>	3.707641
<b>1923</b>	3.600000
<b>1922</b>	3.375000
<b>1921</b>	3.023810
<b>1920</b>	3.443878
<b>1919</b>	2.862319
<b>1917</b>	3.000000
<b>1916</b>	3.200000
<b>1915</b>	3.527778
<b>1914</b>	2.603448
<b>1913</b>	3.000000

genres_split	rating
<b>1912</b>	3.000000
<b>1911</b>	3.500000
<b>1910</b>	2.357143
<b>1907</b>	2.500000
<b>1904</b>	3.325000
<b>1903</b>	3.714286
<b>1902</b>	3.739007

rating	
genres_split	year
Action	2019
3.452520	

**rating****genres\_split year**

**rating****genres\_split year**

genres_split	rating
year	
<b>2018</b>	3.539299
<b>2017</b>	3.568975
<b>2016</b>	3.502759
<b>2015</b>	3.481154
<b>2014</b>	3.561075
<b>2013</b>	3.375109
<b>2012</b>	3.580912
<b>2011</b>	3.435514
<b>2010</b>	3.568370
<b>2009</b>	3.512324
<b>2008</b>	3.552754
<b>2007</b>	3.458040
<b>2006</b>	3.516423
<b>2005</b>	3.438724
<b>2004</b>	3.445083
<b>2003</b>	3.468004
<b>2002</b>	3.439231
<b>2001</b>	3.127577
<b>2000</b>	3.394430
<b>1999</b>	3.533513
<b>1998</b>	3.399397
<b>1997</b>	3.251626
<b>1996</b>	3.269610
<b>1995</b>	3.266320
<b>1994</b>	3.346841
<b>1993</b>	3.326946
<b>1992</b>	3.268553
<b>1991</b>	3.585236
<b>1990</b>	3.301729
<b>1989</b>	3.503743
<b>1988</b>	3.542774
<b>1987</b>	3.661116
<b>1986</b>	3.535225
<b>1985</b>	3.204352
<b>1984</b>	3.637770

genres_split	rating
year	
<b>1983</b>	3.769922
<b>1982</b>	3.715422
<b>1981</b>	3.884701
<b>1980</b>	3.900118
<b>1979</b>	3.778956
<b>1978</b>	3.485675
<b>1977</b>	4.046981
<b>1976</b>	3.565778
<b>1975</b>	3.719142
<b>1974</b>	3.294211
<b>1973</b>	3.434874
<b>1972</b>	3.288744
<b>1971</b>	3.606530
<b>1970</b>	3.364255
<b>1969</b>	3.900502
<b>1968</b>	3.749516
<b>1967</b>	3.679924
<b>1966</b>	4.044031
<b>1965</b>	3.753120
<b>1964</b>	3.807173
<b>1963</b>	3.899652
<b>1962</b>	3.721928
<b>1961</b>	3.976809
<b>1960</b>	3.748971
<b>1959</b>	4.047672
<b>1958</b>	3.741808
<b>1957</b>	3.866091
<b>1956</b>	3.442000
<b>1955</b>	3.529206
<b>1954</b>	4.243196
<b>1953</b>	3.572205
<b>1952</b>	3.248227
<b>1951</b>	3.557985
<b>1950</b>	3.391791
<b>1949</b>	3.341195

genres_split	rating
year	
<b>1948</b>	4.068461
<b>1947</b>	2.729167
<b>1946</b>	2.848837
<b>1945</b>	2.944444
<b>1944</b>	3.213058
<b>1943</b>	3.412879
<b>1942</b>	3.258950
<b>1941</b>	3.225490
<b>1940</b>	3.437710
<b>1939</b>	3.776500
<b>1938</b>	3.857420
<b>1937</b>	3.230769
<b>1936</b>	3.067568
<b>1935</b>	3.717899
<b>1934</b>	3.199187
<b>1933</b>	3.526261
<b>1932</b>	3.093220
<b>1931</b>	3.735586
<b>1930</b>	3.950122
<b>1928</b>	3.464286
<b>1927</b>	3.715839
<b>1926</b>	3.418182
<b>1925</b>	3.142857
<b>1924</b>	3.653361
<b>1923</b>	3.919908
<b>1922</b>	3.307692
<b>1921</b>	3.333333
<b>1920</b>	1.750000
<b>1919</b>	2.760417
<b>1917</b>	2.333333
<b>1916</b>	3.185484
<b>1915</b>	3.527778
<b>1914</b>	2.583333
<b>1913</b>	2.000000
<b>1906</b>	2.400000

genres_split	year	rating
<b>1904</b>	2.833333	
<b>1903</b>	2.800000	
<b>1902</b>	3.747857	
<b>1901</b>	2.800000	
<b>1900</b>	3.142857	
<b>1897</b>	2.833333	
<b>1891</b>	1.444444	