

Materia: Mineria de Datos e Inteligencia de Negocios

Practica:

Practica 4 Parcial 1 Integrantes: Jean Baez - 2016-3761

Profesora:

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Fecha: **17/02/2022**

Mandato/Codigo

```
index.py > ...
from re import X
from sklearn import datasets
import pandas as pd
import matplotlib.pyplot as plt

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```

Resultado

```
Backend MacOSX is interactive backend. Turning interactive mode on.
show_id type type_id ... duration
0 81145628 Movie 1 ... 90 min Children & Family Movies, Comedies
1 80117401 Movie 1 ... 94 min Stand-Up Comedy
2 70234439 TV Show 2 ... 1 Season Kids' TV With the help of three human allies, the Autob...
3 80058654 TV Show 2 ... 1 Season Kids' TV With the help of three human allies, the Autob...
4 80125979 Movie 1 ... 99 min Comedies
6229 80000063 TV Show 2 ... 13 Seasons TV Action & Adventure, TV Comedies, TV Sci-Fi ... This parody of first-person shocter games, mil...
6230 70286564 TV Show 2 ... 4 Seasons
6231 80116008 Movie 1 ... 60 min Movies
6232 70281022 TV Show 2 ... 2 Seasons British TV Shows, TV Comedies, TV Dramas
6233 70153404 TV Show 2 ... 10 Seasons Classic & Cult TV, TV Comedies
6231 This hit sitcom follows the merry misadventure...
```

2 Mandato/Codigo

```
12
13 # 2. Visualizar los primeros 10 registros del conjunto de datos
14 print(data.head(10))
15
```

Resultado

```
[6234 rows x 13 columns]
show_id type type_id ... duration listed_in description
0 81145628 Movie 1 ... 90 min Children & Family Movies, Comedies Before planning an awesome wedding for his gra...
1 80117401 Movie 1 ... 94 min Stand-Up Comedy Jandino Asporaat riffs on the challenges of ra...
8 2 70234439 TV Show 2 ... 1 Season Kids' TV With the help of three human allies, the Autob...
10 3 80058654 TV Show 2 ... 1 Season Kids' TV When a prison ship crash unleashes hundreds of...
10 4 80125979 Movie 1 ... 99 min Comedies When nerdy high schooler Dani finally attracts...
11 5 80163890 TV Show 2 ... 1 Season Crime TV Shows, International TV Shows, Spanis... A young journalist is forced into a life of cr...
```

3 Mandato/Codigo

```
15
16 # 3. Visualizar los últimos 15 registros del conjunto de datos
17 print(data.tail(15))
TEP 18
... 19 # 4. Generar los estadísticos básicos
```

Resultado

```
Anime Series, Kids' TV

International TV Shows, Reality TV A new set of six men and women start their liv...

TV Comedies, TV Dramas

Anime Series, Crime TV Shows
Docuseries
Classic & Cult TV, TV Comedies
International TV Shows, Spanish-Language TV Sh...

Kids' TV, TV Comedies
Kids' TV, TV Comedies
TV Action & Adventure, TV Comedies, TV Sci-Fi
Movies
British TV Shows, TV Comedies, TV Dramas
Classic & Cult TV, TV Comedies
T
                                                                                                                                                                                                                                                                                                                                             2 Seasons
2 Seasons
2 Seasons
8 Seasons
2 Seasons
5 Seasons
                                                  80186475
70272742
                                                                                                                                        TV Show
                                                                                                                                                                                                                                                                     2 ... 2 Seasons
2 ... 2 Seasons
2 ... 2 Seasons
2 ... 8 Seasons
2 ... 5 Seasons
2 ... 11 Seasons
2 ... 13 Seasons
2 ... 2 Seasons
2 ... 2 Seasons
2 ... 2 Seasons
2 ... 60 min
2 ... 60 min
2 ... 2 Seasons
1 ... 60 min
2 ... 2 Seasons
2 ... 13 Seasons
  6220
                                                70272742
80067942
70136122
70204989
70304979
70153412
  6222
                                                                                                                                        TV Show
  6224
                                                                                                                                        TV Show
                                                  70243132
80005756
                                                                                                                                        TV Show
TV Show
  6226
  6228 80159925
6229 80000063
                                                                                                                                        TV Show
TV Show
6230 70286564
6231 80116008
                                                                                                                                        TV Show
Movie
                                              70281022 TV Show
70153404 TV Show
  [15 rows x 13 columns]
```

4 Mandato/Codigo

```
19 # 4. Generar los estadísticos básicos
20 print(data.describe())
21
```

Resultado

5 Mandato/Codigo

```
22 # 5. Completar todos los datos vacíos(na) con ceros(0)
23 data.fillna(0)
24
25
```

No muestra datos por que no hay celdas con null o 0

6 Mandto/Codigo

Resultado

