

```
import pandas as pd
df = pd.read_csv("TMDB-movie-data.csv")
print(df.info())

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 999 entries, 0 to 998
Data columns (total 12 columns):
 #   Title               Runtime (Minutes)  Rank  Genre  \
0   Guardians of the Galaxy 120    1      Action,Adventure,Sci-Fi
1   Prometheus          124    2      Adventure,Mystery,Sci-Fi
2   Split               103    3      Horror,Thriller
3   The Martian         139    4      Action,Adventure
4   Suicide Squad       123    5      Action,Adventure,Fantasy
5   Secret in Their Eyes 96      6      Crime,Drama,Mystery
6   Hostel: Part II     97      7      Horror
7   Step Up 2: The Streets 98      8      Drama,Music,Romance
8   Search Party       99      9      Adventure,Comedy
9   Nine Lives         100    10     Comedy,Family,Fantasy

dtypes: float64(1), int64(4), object(5)
memory usage: 45.3+ KB
None

In [1]:
df.info()

Out[1]:
(999, 12)

In [2]:
df.columns

Out[2]:
Index(['Rank', 'Title', 'Genre', 'Description', 'Director', 'Actors', 'Year',
       'Runtime (Minutes)', 'Rating', 'Votes', 'Revenue (Millions)',
       'Metascore'],
      dtype='object')

In [3]:
df[['Rank', 'Title', 'Genre', 'Description', 'Director', 'Actors', 'Year',
    'Runtime (Minutes)', 'Rating', 'Votes', 'Revenue (Millions)',
    'Metascore']].head(10)

Out[3]:
Rank      Title      Genre      Description      Director      Actors      Year  Runtime (Minutes)  Rating  Votes  Revenue (Millions)  Metascore
0  Guardians of the Galaxy 1  Action,Adventure,Sci-Fi  A group of intergalactic criminals are forced...  James Gunn  Chris Pratt, Vin Diesel, Bradley Cooper, Zoe S...  2014  121  8.1  757074  333.13  76.0
1  Prometheus            2  Adventure,Mystery,Sci-Fi  Following clues to the origin of mankind, a te...  Ridley Scott  Noomi Rapace, Logan Marshall-Green, Michael Fa...  2012  124  7.0  485820  126.46  65.0
2  Split                3  Horror,Thriller  Three girls are kidnapped by a man with a diag...  M. Night Shyamalan  James McAvoy, Anya Taylor-Joy, Haley Lu Richar...  2016  117  7.3  157606  138.12  62.0
3  The Martian          4  Action,Adventure,Drama  In a city of humanoid animals, a hustling thea...  Christopher Loundset  Matthew McConaughey, Reese Witherspoon, Seth Ma...  2016  108  7.2  60545  270.32  59.0
4  Suicide Squad        5  Action,Adventure,Fantasy  A secret government agency recruits some of th...  David Ayer  Will Smith, Jared Leto, Margot Robbie, Viola D...  2016  123  6.2  393727  325.02  40.0
5  Secret in Their Eyes  96  Crime,Drama,Mystery  A tight-knit team of rising investigators, abo...  Billy Ray  Chawet Ejlor, Nicole Kidman, Julia Roberts...  2015  111  6.2  27585  NaN  45.0
6  Hostel: Part II      97  Horror  Three American college students studying abroa...  Eli Roth  Lauren German, Heather Matarazzo, Bijou Phel...  2007  94  5.5  73152  17.54  46.0
7  Step Up 2: The Streets 98  Drama,Music,Romance  Romantic sparks occur between two dance studen...  Jon M. Chu  Robert Hoffman, Briana Evigan, Cassie Ventura...  2008  98  6.2  70699  58.01  50.0
8  Search Party        99  Adventure,Comedy  A pair of friends embark on a mission to reuni...  Scott Armstrong  Adam Pally, T.J. Miller, Thomas Middleton,Sh...  2014  93  5.6  4881  NaN  22.0
9  Nine Lives         100  Comedy,Family,Fantasy  A stuffy businessman finds himself trapped ins...  Barry Sonnenfeld  Kevin Spacey, Jennifer Garner, Robbie Amell,C...  2016  87  5.3  12435  19.64  11.0

1000 rows x 12 columns

In [13]:
df.shape

Out[13]:
(999, 12)

In [12]:
data.duplicated()

Out[12]:
Title
Guardians of the Galaxy  False
Prometheus              False
Split                  False
Sing                   False
Suicide Squad           False
Secret in Their Eyes    False
Hostel: Part II         False
Step Up 2: The Streets  False
Search Party            False
Nine Lives              False
Length: 999, dtype: bool

data.duplicated().sum()

Out[13]:
0

In [15]:
df.to_csv('data.csv', index=False)

Out[15]:
(999, 12)

In [16]:
df.to_csv('data.csv', index=False)

Out[16]:
(999, 12)

In [17]:
df.to_csv('data.csv', index=False)

Out[17]:
(999, 12)

In [18]:
df.to_csv('data.csv', index=False)

Out[18]:
(999, 12)

In [19]:
df.to_csv('data.csv', index=False)

Out[19]:
(999, 12)

In [20]:
df.to_csv('data.csv', index=False)

Out[20]:
(999, 12)

In [21]:
df.to_csv('data.csv', index=False)

Out[21]:
(999, 12)

In [22]:
df.to_csv('data.csv', index=False)

Out[22]:
(999, 12)

In [23]:
df.to_csv('data.csv', index=False)

Out[23]:
(999, 12)

In [24]:
df.to_csv('data.csv', index=False)

Out[24]:
(999, 12)

In [25]:
df.to_csv('data.csv', index=False)

Out[25]:
(999, 12)

In [26]:
df.to_csv('data.csv', index=False)

Out[26]:
(999, 12)

In [27]:
df.to_csv('data.csv', index=False)

Out[27]:
(999, 12)

In [28]:
df.to_csv('data.csv', index=False)

Out[28]:
(999, 12)

In [29]:
df.to_csv('data.csv', index=False)

Out[29]:
(999, 12)

In [30]:
df.to_csv('data.csv', index=False)

Out[30]:
(999, 12)

In [31]:
df.to_csv('data.csv', index=False)

Out[31]:
(999, 12)

In [32]:
df.to_csv('data.csv', index=False)

Out[32]:
(999, 12)

In [33]:
df.to_csv('data.csv', index=False)

Out[33]:
(999, 12)

In [34]:
df.to_csv('data.csv', index=False)

Out[34]:
(999, 12)

In [35]:
df.to_csv('data.csv', index=False)

Out[35]:
(999, 12)

In [36]:
df.to_csv('data.csv', index=False)

Out[36]:
(999, 12)

In [37]:
df.to_csv('data.csv', index=False)

Out[37]:
(999, 12)

In [38]:
df.to_csv('data.csv', index=False)

Out[38]:
(999, 12)

In [39]:
df.to_csv('data.csv', index=False)

Out[39]:
(999, 12)

In [40]:
df.to_csv('data.csv', index=False)

Out[40]:
(999, 12)

In [41]:
df.to_csv('data.csv', index=False)

Out[41]:
(999, 12)

In [42]:
df.to_csv('data.csv', index=False)

Out[42]:
(999, 12)

In [43]:
df.to_csv('data.csv', index=False)

Out[43]:
(999, 12)

In [44]:
df.to_csv('data.csv', index=False)

Out[44]:
(999, 12)

In [45]:
df.to_csv('data.csv', index=False)

Out[45]:
(999, 12)

In [46]:
df.to_csv('data.csv', index=False)

Out[46]:
(999, 12)

In [47]:
df.to_csv('data.csv', index=False)

Out[47]:
(999, 12)

In [48]:
df.to_csv('data.csv', index=False)

Out[48]:
(999, 12)

In [49]:
df.to_csv('data.csv', index=False)

Out[49]:
(999, 12)

In [50]:
df.to_csv('data.csv', index=False)

Out[50]:
(999, 12)

In [51]:
df.to_csv('data.csv', index=False)

Out[51]:
(999, 12)

In [52]:
df.to_csv('data.csv', index=False)

Out[52]:
(999, 12)

In [53]:
df.to_csv('data.csv', index=False)

Out[53]:
(999, 12)

In [54]:
df.to_csv('data.csv', index=False)

Out[54]:
(999, 12)

In [55]:
df.to_csv('data.csv', index=False)

Out[55]:
(999, 12)

In [56]:
df.to_csv('data.csv', index=False)

Out[56]:
(999, 12)

In [57]:
df.to_csv('data.csv', index=False)

Out[57]:
(999, 12)

In [58]:
df.to_csv('data.csv', index=False)

Out[58]:
(999, 12)

In [59]:
df.to_csv('data.csv', index=False)

Out[59]:
(999, 12)

In [60]:
df.to_csv('data.csv', index=False)

Out[60]:
(999, 12)

In [61]:
df.to_csv('data.csv', index=False)

Out[61]:
(999, 12)

In [62]:
df.to_csv('data.csv', index=False)

Out[62]:
(999, 12)

In [63]:
df.to_csv('data.csv', index=False)

Out[63]:
(999, 12)

In [64]:
df.to_csv('data.csv', index=False)

Out[64]:
(999, 12)

In [65]:
df.to_csv('data.csv', index=False)

Out[65]:
(999, 12)

In [66]:
df.to_csv('data.csv', index=False)

Out[66]:
(999, 12)

In [67]:
df.to_csv('data.csv', index=False)

Out[67]:
(999, 12)

In [68]:
df.to_csv('data.csv', index=False)

Out[68]:
(999, 12)

In [69]:
df.to_csv('data.csv', index=False)

Out[69]:
(999, 12)

In [70]:
df.to_csv('data.csv', index=False)

Out[70]:
(999, 12)

In [71]:
df.to_csv('data.csv', index=False)

Out[71]:
(999, 12)

In [72]:
df.to_csv('data.csv', index=False)

Out[72]:
(999, 12)

In [73]:
df.to_csv('data.csv', index=False)

Out[73]:
(999, 12)

In [74]:
df.to_csv('data.csv', index=False)

Out[74]:
(999, 12)

In [75]:
df.to_csv('data.csv', index=False)

Out[75]:
(999, 12)

In [76]:
df.to_csv('data.csv', index=False)

Out[76]:
(999, 12)

In [77]:
df.to_csv('data.csv', index=False)

Out[77]:
(999, 12)

In [78]:
df.to_csv('data.csv', index=False)

Out[78]:
(999, 12)

In [79]:
df.to_csv('data.csv', index=False)

Out[79]:
(999, 12)

In [80]:
df.to_csv('data.csv', index=False)

Out[80]:
(999, 12)

In [81]:
df.to_csv('data.csv', index=False)

Out[81]:
(999, 12)

In [82]:
df.to_csv('data.csv', index=False)

Out[82]:
(999, 12)

In [83]:
df.to_csv('data.csv', index=False)

Out[83]:
(999, 12)

In [84]:
df.to_csv('data.csv', index=False)

Out[84]:
(999, 12)

In [85]:
df.to_csv('data.csv', index=False)

Out[85]:
(999, 12)

In [86]:
df.to_csv('data.csv', index=False)

Out[86]:
(999, 12)

In [87]:
df.to_csv('data.csv', index=False)

Out[87]:
(999, 12)

In [88]:
df.to_csv('data.csv', index=False)

Out[88]:
(999, 12)

In [89]:
df.to_csv('data.csv', index=False)

Out[89]:
(999, 12)

In [90]:
df.to_csv('data.csv', index=False)

Out[90]:
(999, 12)

In [91]:
df.to_csv('data.csv', index=False)

Out[91]:
(999, 12)

In [92]:
df.to_csv('data.csv', index=False)

Out[92]:
(999, 12)

In [93]:
df.to_csv('data.csv', index=False)

Out[93]:
(999, 12)

In [94]:
df.to_csv('data.csv', index=False)

Out[94]:
(999, 12)

In [95]:
df.to_csv('data.csv', index=False)

Out[95]:
(999, 12)

In [96]:
df.to_csv('data.csv', index=False)

Out[96]:
(999, 12)

In [97]:
df.to_csv('data.csv', index=False)

Out[97]:
(999, 12)

In [98]:
df.to_csv('data.csv', index=False)

Out[98]:
(999, 12)

In [99]:
df.to_csv('data.csv', index=False)

Out[99]:
(999, 12)

In [100]:
df.to_csv('data.csv', index=False)

Out[100]:
(999, 12)

In [101]:
df.to_csv('data.csv', index=False)

Out[101]:
(999, 12)

In [102]:
df.to_csv('data.csv', index=False)

Out[102]:
(999, 12)

In [103]:
df.to_csv('data.csv', index=False)

Out[103]:
(999, 12)

In [104]:
df.to_csv('data.csv', index=False)

Out[104]:
(999, 12)

In [105]:
df.to_csv('data.csv', index=False)

Out[105]:
(999, 12)

In [106]:
df.to_csv('data.csv', index=False)

Out[106]:
(999, 12)

In [107]:
df.to_csv('data.csv', index=False)

Out[107]:
(999, 12)

In [108]:
df.to_csv('data.csv', index=False)

Out[108]:
(999, 12)

In [109]:
df.to_csv('data.csv', index=False)

Out[109]:
(999, 12)

In [110]:
df.to_csv('data.csv', index=False)

Out[110]:
(999, 12)

In [111]:
df.to_csv('data.csv', index=False)

Out[111]:
(999, 12)

In [112]:
df.to_csv('data.csv', index=False)

Out[112]:
(999, 12)

In [113]:
df.to_csv('data.csv', index=False)

Out[113]:
(999, 12)

In [114]:
df.to_csv('data.csv', index=False)

Out[114]:
(999, 12)

In [115]:
df.to_csv('data.csv', index=False)

Out[115]:
(999, 12)

In [116]:
df.to_csv('data.csv', index=False)

Out[116]:
(999, 12)

In [117]:
df.to_csv('data.csv', index=False)

Out[117]:
(999, 12)

In [118]:
df.to_csv('data.csv', index=False)

Out[118]:
(999, 12)

In [119]:
df.to_csv('data.csv', index=False)

Out[119]:
(999, 12)

In [120]:
df.to_csv('data.csv', index=False)

Out[120]:
(999, 12)

In [121]:
df.to_csv('data.csv', index=False)

Out[121]:
(999, 12)

In [122]:
df.to_csv('data.csv', index=False)

Out[122]:
(999, 12)

In [123]:
df.to_csv('data.csv', index=False)

Out[123]:
(999, 12)

In [124]:
df.to_csv('data.csv', index=False)

Out[124]:
(999, 12)

In [125]:
df.to_csv('data.csv', index=False)

Out[125]:
(999, 12)

In [126]:
df.to_csv('data.csv', index=False)

Out[126]:
(999, 12)

In [127]:
df.to_csv('data.csv', index=False)

Out[127]:
(999, 12)

In [128]:
df.to_csv('data.csv', index=False)

Out[128]:
(999, 12)

In [129]:
df.to_csv('data.csv', index=False)

Out[129]:
(999, 12)

In [130]:
df.to_csv('data.csv', index=False)

Out[130]:
(999, 12)

In [131]:
df.to_csv('data.csv', index=False)

Out[131]:
(999, 12)

In [132]:
df.to_csv('data.csv', index=False)

Out[132]:
(999, 12)

In [133]:
df.to_csv('data.csv', index=False)

Out[133]:
(999, 12)

In [134]:
df.to_csv('data.csv', index=False)

Out[134]:
(999, 12)

In [135]:
df.to_csv('data.csv', index=False)

Out[135]:
(999, 12)

In [136]:
df.to_csv('data.csv', index=False)

Out[136]:
(999, 12)

In [137]:
df.to_csv('data.csv', index=False)

Out[137]:
(999, 12)

In [138]:
df.to_csv('data.csv', index=False)

Out[138]:
(999, 12)

In [139]:
df.to_csv('data.csv', index=False)

Out[139]:
(999, 12)

In [140]:
df.to_csv('data.csv', index=False)

Out[140]:
(999, 12)

In [141]:
df.to_csv('data.csv', index=False)

Out[141]:
(999, 12)

In [142]:
df.to_csv('data.csv', index=False)

Out[142]:
(999, 12)

In [143]:
df.to_csv('data.csv', index=False)

Out[143]:
(999, 12)

In [144]:
df.to_csv('data.csv', index=False)

Out[144]:
(999, 12)

In [145]:
df.to_csv('data.csv', index=False)

Out[145]:
(999, 12)

In [146]:
df.to_csv('data.csv', index=False)

Out[146]:
(999, 12)

In [147]:
df.to_csv('data.csv', index=False)

Out[147]:
(999, 12)

In [148]:
df.to_csv('data.csv', index=False)

Out[148]:
(999, 12)

In [149]:
df.to_csv('data.csv', index=False)

Out[149]:
(999, 12)

In [150]:
df.to_csv('data.csv', index=False)

Out[150]:
(999, 12)

In [151]:
df.to_csv('data.csv', index=False)

Out[151]:
(999, 12)

In [152]:
df.to_csv('data.csv', index=False)

Out[152]:
(999, 12)

In [153]:
df.to_csv('data.csv', index=False)

Out[153]:
(999, 12)

In [154]:
df.to_csv('data.csv', index=False)

Out[154]:
(999, 12)

In [155]:
df.to_csv('data.csv', index=False)

Out[155]:
(999, 12)

In [156]:
df.to_csv('data.csv', index=False)

Out[156]:
(999, 12)

In [157]:
df.to_csv('data.csv', index=False)

Out[157]:
(999, 12)

In [158]:
df.to_csv('data.csv', index=False)

Out[158]:
(999, 12)

In [159]:
df.to_csv('data.csv', index=False)

Out[159]:
(999, 12)

In [160]:
df.to_csv('data.csv', index=False)

Out[160]:
(999, 12)

In [161]:
df.to_csv('data.csv', index=False)

Out[161]:
(999, 12)

In [162]:
df.to_csv('data.csv', index=False)

Out[162]:
(999, 12)

In [163]:
df.to_csv('data.csv', index=False)

Out[163]:
(999, 12)

In [164]:
df.to_csv('data.csv', index=False)

Out[164]:
(999, 12)

In [165]:
df.to_csv('data.csv', index=False)

Out[165]:
(999, 12)

In [166]:
df.to_csv('data.csv', index=False)

Out[166]:
(999, 12)

In [167]:
df.to_csv('data.csv', index=False)

Out[167]:
(999, 12)

In [168]:
df.to_csv('data.csv', index=False)

Out[168]:
(999, 12)

In [169]:
df.to_csv('data.csv', index=False)

Out[169]:
(999, 12)

In [170]:
df.to_csv('data.csv', index=False)

Out[170]:
(999, 12)

In [171]:
df.to_csv('data.csv', index=False)

Out[171]:
(999, 12)

In [172]:
df.to_csv('data.csv', index=False)

Out[172]:
(999, 12)

In [173]:
df.to_csv('data.csv', index=False)

Out[173]:
(999, 12)

In [174]:
df.to_csv('data.csv', index=False)

Out[174]:
(999, 12)

In [175]:
df.to_csv('data.csv', index=False)

Out[175]:
(999, 12)

In [176]:
df.to_csv('data.csv', index=False)

Out[176]:
(999, 12)

In [177]:
df.to_csv('data.csv', index=False)

Out[177]:
(999, 12)

In [178]:
df.to_csv('data.csv', index=False)

Out[178]:
(999, 12)

In [179]:
df.to_csv('data.csv', index=False)

Out[179]:
(999, 12)

In [180]:
df.to_csv('data.csv', index=False)

Out[180]:
(999, 12)

In [181]:
df.to_csv('data.csv', index=False)

Out[181]:
(999, 12)

In [182]:
df.to_csv('data.csv', index=False)

Out[182]:
(999, 12)

In [183]:
df.to_csv('data.csv', index=False)

Out[183]:
(999, 12)

In [184]:
df.to_csv('data.csv', index=False)

Out[184]:
(999, 12)

In [185]:
df.to_csv('data.csv', index=False)

Out[185]:
(999, 12)

In [186]:
df.to_csv('data.csv', index=False)

Out[186]:
(999, 12)

In [187]:
df.to_csv('data.csv', index=False)

Out[187]:
(999, 12)

In [188]:
df.to_csv('data.csv', index=False)

Out[188]:
(999, 12)

In [189]:
df.to_csv('data.csv', index=False)

Out[189]:
(999, 12)

In [190]:
df.to_csv('data.csv', index=False)

Out[190]:
(999, 12)

In [191]:
df.to_csv('data.csv', index=False)

Out[191]:
(999, 12)

In [192]:
df.to_csv('data.csv', index=False)

Out[192]:
(999, 12)

In [193]:
df.to_csv('data.csv', index=False)

Out[193]:
(999, 12)

In [194]:
df.to_csv('data.csv', index=False)

Out[194]:
(999, 12)

In [195]:
df.to_csv('data.csv', index=False)

Out[195]:
(999, 12)

In [196]:
df.to_csv('data.csv', index=False)

Out[196]:
(999, 12)

In [197]:
df.to_csv('data.csv', index=False)

Out[197]:
(999, 12)

In [198]:
df.to_csv('data.csv', index=False)

Out[198]:
(999, 12)

In [199]:
df.to_csv('data.csv', index=False)

Out[199]:
(999, 12)

In [200]:
df.to_csv('data.csv', index=False)

Out[200]:
(999, 12)

In [201]:
df.to_csv('data.csv', index=False)

Out[201]:
(999, 12)

In [202]:
df.to_csv('data.csv', index=False)

Out[202]:
(999, 12)

In [203]:
df.to_csv('data.csv', index=False)

Out[203]:
(999, 12)

In [204]:
df.to_csv('data.csv', index=False)

Out[204]:
(999, 12)

In [205]:
df.to_csv('data.csv', index=False)

Out[205]:
(999, 12)

In [206]:
df.to_csv('data.csv', index=False)

Out[206]:
(999, 12)

In [207]:
df.to_csv('data.csv', index=False)

Out[207]:
(999, 12)

In [208]:
df.to_csv('data.csv', index=False)

Out[208]:
(999, 12)

In [209]:
df.to_csv('data.csv', index=False)

Out[209]:
(999, 12)

In [210]:
df.to_csv('data.csv', index=False)

Out[210]:
(999, 12)

In [211]:
df.to_csv('data.csv', index=False)

Out[211]:
(999, 12)

In [212]:
df.to_csv('data.csv', index=False)

Out[212]:
(999, 12)

In [213]:
df.to_csv('data.csv', index=False)

Out[213]:
(999, 12)

In [214]:
df.to_csv('data.csv', index=False)

Out[214]:
(999, 12)

In [215]:
df.to_csv('data.csv', index=False)

Out[215]:
(999, 12)

In [216]:
df.to_csv('data.csv', index=False)

Out[216]:
(999, 12)

In [217]:
df.to_csv('data.csv', index=False)

Out[217]:
(999, 12)

In [218]:
df.to_csv('data.csv', index=False)

Out[218]:
(999, 12)

In [219]:
df.to_csv('data.csv', index=False)

Out[219]:
(999, 12)

In [220]:
df.to_csv('data.csv', index=False)

Out[220]:
(999, 12)

In [221]:
df.to_csv('data.csv', index=False)

Out[221]:
(999, 12)

In [222]:
df.to_csv('data.csv', index=False)

Out[222]:
(999, 12)

In [223]:
df.to_csv('data.csv', index=False)

Out[223]:
(999, 12)

In [224]:
df.to_csv('data.csv', index=False)

Out[224]:
(999, 12)

In [225]:
df.to_csv('data.csv', index=False)

Out[225]:
(999, 12)

In [226]:
df.to_csv('data.csv', index=False)

Out[226]:
(999, 12)

In [227]:
df.to_csv('data.csv', index=False)

Out[227]:
(999, 12)

In [228]:
df.to_csv('data.csv', index=False)

Out[228]:
(999, 12)

In [229]:
df.to_csv('data.csv', index=False)

Out[229]:
(999, 12)

In [230]:
df.to_csv('data.csv', index=False)

Out[230]:
(999, 12)

In [231]:
df.to_csv('data.csv', index=False)

Out[231]:
(999, 12)

In [232]:
df.to_csv('data.csv', index=False)

Out[232]:
(999, 12)

In [233]:
df.to_csv('data.csv', index=False)

Out[233]:
(999, 12)

In [234]:
df.to_csv('data.csv', index=False)

Out[234]:
(999, 12)

In [235]:
df.to_csv('data.csv', index=False)

Out[235]:
(999, 12)

In [236]:
df.to_csv('data.csv', index=False)

Out[236]:
(999, 12)

In [237]:
df.to_csv('data.csv', index=False)

Out[237]:
(999, 12)

In [238]:
df.to_csv('data.csv', index=False)

Out[238]:
(999, 12)

In [239]:
df.to_csv('data.csv', index=False)

Out[239]:
(999, 12)

In [240]:
df.to_csv('data.csv', index=False)

Out[240]:
(999, 12)

In [241]:
df.to_csv('data.csv', index=False)

Out[241]:
(999, 12)

In [242]:
df.to_csv('data.csv', index=False)

Out[242]:
(999, 12)

In [243]:
df.to_csv('data.csv', index=False)

Out[243]:
(999, 12)

In [244]:
df.to_csv('data.csv', index=False)

Out[244]:
(999, 12)

In [245]:
df.to_csv('data.csv', index=False)

Out[245]:
(999, 12)

In [246]:
df.to_csv('data.csv', index=False)

Out[246]:
(999, 12)

In [247]:
df.to_csv('data.csv', index=False)

Out[247]:
(999, 12)

In [248]:
df.to_csv('data.csv', index=False)

Out[248]:
(999, 12)

In [249]:
df.to_csv('data.csv', index=False)

Out[249]:
(999, 12)

In [250]:
df.to_csv('data.csv', index=False)

Out[250]:
(999, 12)

In [251]:
df.to_csv('data.csv', index=False)

Out[251]:
(999, 12)

In [252]:
df.to_csv('data.csv', index=False)

Out[252]:
(999, 12)

In [253]:
df.to_csv('data.csv', index=False)

Out[253]:
(999, 12)

In [254]:
df.to_csv('data.csv', index=False)

Out[254]:
(999, 12)

In [255]:
df.to_csv('data.csv', index=False)

Out[255]:
(999, 12)

In [256]:
df.to_csv('data.csv', index=False)

Out[256]:
(999, 12)

In [257]:
df.to_csv('data.csv', index=False)

Out[257]:
(999, 12)

In [258]:
df.to_csv('data.csv', index=False)

Out[258]:
(999, 12)

In [259]:
df.to_csv('data.csv', index=False)

Out[259]:
(999, 12)

In [260]:
df.to_csv('data.csv', index=False)

Out[260]:
(999, 12)

In [261]:
df.to_csv('data.csv', index=False)

Out[261]:
(999, 12)

In [262]:
df.to_csv('data.csv', index=False)

Out[262]:
(999, 12)

In [263]:
df.to_csv('data.csv', index=False)

Out[263]:
(999, 12)

In [264]:
df.to_csv('data.csv', index=False)

Out[264]:
(999, 12)

In [265]:
df.to_csv('data.csv', index=False)

Out[265]:
(999, 12)

In [266]:
df.to_csv('data.csv', index=False)

Out[266]:
(999, 12)

In [267]:
df.to_csv('data.csv', index=False)

Out[267]:
(999, 12)

In [268]:
df.to_csv('data.csv', index=False)

Out[268]:
(999, 12)

In [269]:
df.to_csv('data.csv', index=False)

Out[269]:
(999, 12)

In [270]:
df.to_csv('data.csv', index=False)

Out[270]:
(999, 12)

In [271]:
df.to_csv('data.csv', index=False)

Out[271]:
(999, 12)

In [272]:
df.to_csv('data.csv', index=False)

Out[272]:
(999, 12)

In [273]:
df.to_csv('data.csv', index=False)

Out[273]:
(999, 12)

In [274]:
df.to_csv('data.csv', index=False)

Out[274]:
(999, 12)

In [275]:
df.to_csv('data.csv', index=False)

Out[275]:
(999, 12)

In [276]:
df.to_csv('data.csv', index=False)

Out[276]:
(999, 12)

In [277]:
df.to_csv('data.csv', index=False)

Out[277]:
(999, 12)

In [278]:
df.to_csv('data.csv', index=False)

Out[278]:
(999, 12)

In [279]:
df.to_csv('data.csv', index=False)

Out[279]:
(999, 12)

In [280]:
df.to_csv('data.csv', index=False)

Out[280]:
(999, 12)

In [281]:
df.to_csv('data.csv', index=False)

Out[281]:
(999, 12)

In [282]:
df.to_csv('data.csv', index=False)

Out[282]:
(999, 12)

In [283]:
df.to_csv('data.csv', index=False)

Out[283]:
(999, 12)

In [284]:
df.to_csv('data.csv', index=False)

Out[284]:
(999, 12)

In [285]:
df.to_csv('data.csv', index=False)

Out[285]:
(999, 12)

In [286]:
df.to_csv('data.csv', index=False)

Out[286]:
(999, 12)

In [287]:
df.to_csv('data.csv', index=False)

Out[287]:
(999, 12)

In [288]:
df.to_csv('data.csv', index=False)

Out[288]:
(999, 12)

In [289]:
df.to_csv('data.csv', index=False)

Out[289]:
(999, 12)

In [290]:
df.to_csv('data.csv', index=False)

Out[290]:
(999, 12)

In [291]:
df.to_csv('data.csv', index=False)

Out[291]:
(999, 12)

In [292]:
df.to_csv('data.csv', index=False)

Out[292]:
(999, 12)

In [293]:
df.to_csv('data.csv', index=False)

Out[293]:
(999, 12)

In [294]:
df.to_csv('data.csv', index=False)

Out[294]:
(999, 12)

In [295]:
df.to_csv('data.csv', index=False)

Out[295]:
(999, 12)

In [296]:
df.to_csv('data.csv', index=False)

Out[296]:
(999, 12)

In [297]:
df.to_csv('data.csv', index=False)

Out[297]:
(999, 12)

In [298]:
df.to_csv('data.csv', index=False)

Out[298]:
(999, 12)

In [299]:
df.to_csv('data.csv', index=False)

Out[299]:
(999, 12)

In [300]:
df.to_csv('data.csv', index=False)

Out[300]:
(999, 12)

In [301]:
df.to_csv('data.csv', index=False)

Out[301]:
(999, 12)

In [302]:
df.to_csv('data.csv', index=False)

Out[302]:
(999, 12)

In [303]:
df.to_csv('data.csv', index=False)

Out[303]:
(999, 12)

In [304]:
df.to_csv('data.csv', index=False)

Out[304]:
(999, 12)

In [305]:
df.to_csv('data.csv', index=False)

Out[305]:
(999, 12)

In [306]:
df.to_csv('data.csv', index=False)

Out[306]:
(999, 12)

In [307]:
df.to_csv('data.csv', index=False)

Out[307]:
(999, 12)

In [308]:
df.to_csv('data.csv', index=False)

Out[308]:
(999, 12)

In [309]:
df.to_csv('data.csv', index=False)

Out[309]:
(999, 12)

In [310]:
df.to_csv('data.csv', index=False)

Out[310]:
(999, 12)

In [311]:
df.to_csv('data.csv', index=False)

Out[311]:
(999, 12)

In [312]:
df.to_csv('data.csv', index=False)

Out[312]:
(999, 12)

In [313]:
df.to_csv('data.csv', index=False)

Out[313]:
(999, 12)

In [314]:
df.to_csv('data.csv', index=False)

Out[314]:
(999, 12)

In [315]:
df.to_csv('data.csv', index=False)

Out[315]:
(999, 12)

In [316]:
df.to_csv('data.csv', index=False)

Out[316]:
(999, 12)

In [317]:
df.to_csv('data.csv', index=False)

Out[317]:
(999, 12)

In [318]:
df.to_csv('data.csv', index=False)

Out[318]:
(999, 12)

In [319]:
df.to_csv('data.csv', index=False)

Out[319]:
(999, 12)

In [320]:
df.to_csv('data.csv', index=False)

Out[320]:
(999, 12)

In [321]:
df.to_csv('data.csv', index=False)

Out[321]:
(999, 12)

In [322]:
df.to_csv('data.csv', index=False)

Out[322]:
(999, 12)

In [323]:
df.to_csv('data.csv', index=False)

Out[323]:
(999, 12)

In [324]:
df.to_csv('data.csv', index=False)

Out[324]:
(999, 12)

In [325]:
df.to_csv('data.csv', index=False)

Out[325]:
(999, 12)

In [326]:
df.to_csv('data.csv', index=False)

Out[326]:
(999, 12)

In [327]:
df.to_csv('data.csv', index=False)

Out[327]:
(999, 12)

In [328]:
df.to_csv('data.csv', index=False)

Out[328]:
(999, 12)

In [329]:
df.to_csv('data.csv', index=False)

Out[329]:
(999, 12)

In [330]:
df.to_csv('data.csv', index=False)

Out[330]:
(999, 12)

In [331]:
df.to_csv('data.csv', index=False)

Out[331]:
(999, 12
```