

```
In [1]: import pandas as pd
```

```
In [2]: df=pd.DataFrame([[101,2000,'sonu'],[102,3000,'monu']])
```

```
In [3]: df
```

```
Out[3]:   0    1    2
```

	0	1	2
0	101	2000	sonu
1	102	3000	monu

```
In [4]: df=pd.DataFrame([[101,2000,'sonu'],[102,3000,'monu']],columns=['eid','sal','name'])  
df
```

```
Out[4]:   eid   sal   name
```

	eid	sal	name
0	101	2000	sonu
1	102	3000	monu

```
In [5]: df=pd.DataFrame([[101,2000,'sonu'],[102,3000,'monu']],columns=['eid','sal','name'])  
df
```

```
Out[5]:   eid   sal   name
```

	eid	sal	name
1	101	2000	sonu
2	102	3000	monu

```
In [6]: df=pd.DataFrame({'eid':[101,102,103],'sal':[1000,1500,1200]})  
df
```

```
Out[6]:   eid   sal
```

	eid	sal
0	101	1000
1	102	1500
2	103	1200

```
In [11]: pip install xlrd
```

Requirement already satisfied: xlrd in c:\users\panka\anaconda3\lib\site-packages  
(2.0.1)  
Note: you may need to restart the kernel to use updated packages.

```
In [13]: pd.read_excel("G:/DS & ML/dataset/analysis/movies_sheets.xls")
```

Out[13]:

	Title	Year	Category	Language	Country	Content Rating	Duration	A
0	Intolerance: Love's Struggle Throughout the Ages	1916	Drama History War	NaN	USA	Not Rated	123	
1	Over the Hill to the Poorhouse	1920	Crime Drama	NaN	USA	NaN	110	
2	The Big Parade	1925	Drama Romance War	NaN	USA	Not Rated	151	
3	Metropolis	1927	Drama Sci-Fi	German	Germany	Not Rated	145	
4	Pandora's Box	1929	Crime Drama Romance	German	Germany	Not Rated	110	
...	...	...	...	...	...	...	...	
1333	Twin Falls Idaho	1999	Drama	English	USA	R	111	
1334	Universal Soldier: The Return	1999	Action Sci-Fi	English	USA	R	83	
1335	Varsity Blues	1999	Comedy Drama Romance Sport	English	USA	R	106	
1336	Wild Wild West	1999	Action Comedy Sci-Fi Western	English	USA	PG-13	106	
1337	Wing Commander	1999	Action Adventure Sci-Fi	English	USA	PG-13	100	

1338 rows × 25 columns

In [19]: `df=pd.read_excel("g:/dataset/analysis/movies_sheets.xls",sheet_name='2000s')`

Out[19]:

	Title	Year	Category	Language	Country	Content Rating	Duration	Asp R
0	102 Dalmatians	2000	Adventure Comedy Family	English	USA	G	100.0	
1	28 Days	2000	Comedy Drama	English	USA	PG-13	103.0	
2	3 Strikes	2000	Comedy	English	USA	R	82.0	
3	Aberdeen	2000	Drama	English	UK	NaN	106.0	
4	All the Pretty Horses	2000	Drama Romance Western	English	USA	PG-13	220.0	
...	...	...	...	...	...	...	...	...
2095	X-Men Origins: Wolverine	2009	Action Adventure Fantasy Sci-Fi Thriller	English	USA	PG-13	119.0	
2096	Year One	2009	Adventure Comedy	English	USA	PG-13	100.0	
2097	Youth in Revolt	2009	Comedy Drama Romance	English	USA	R	90.0	
2098	ZMD: Zombies of Mass Destruction	2009	Comedy Horror Sci-Fi	English	USA	R	89.0	
2099	Zombieland	2009	Adventure Comedy Horror Sci-Fi	English	USA	R	88.0	

2100 rows × 25 columns

In [20]: `df=pd.read_excel("g:/dataset/analysis/movies_sheets.xls",sheet_name='2010s')`

Out[20]:

	Title	Year	Category	Language	Country	Content Rating
0	127 Hours	2010.0	Adventure Biography Drama Thriller	English	USA	R
1	Backyards	2010.0	Drama	English	USA	R
2	3	2010.0	Comedy Drama Romance	German	Germany	Unrated
3	8: The Mormon Proposition	2010.0	Documentary	English	USA	R
4	A Turtle's Tale: Sammy's Adventures	2010.0	Adventure Animation Family	English	France	PG
...	...	...	...	...	...	...
1599	War & Peace	NaN	Drama History Romance War	English	UK	TV-14
1600	Wings	NaN	Comedy Drama	English	USA	NaN
1601	Wolf Creek	NaN	Drama Horror Thriller	English	Australia	NaN
1602	Wuthering Heights	NaN	Drama Romance	English	UK	NaN
1603	Yu-Gi-Oh! Duel Monsters	NaN	Action Adventure Animation Family Fantasy	Japanese	Japan	NaN

1604 rows × 25 columns



In [23]: `pd.read_excel('g:/dataset/analysis/players.xlsx', header=None, names=['roll', 'age', 'name'])`

Out[23]:

	roll	age	name
0	virat	32	12000
1	rohit	30	11900
2	pandya	27	5000

In [27]: `pd.read_excel('g:/dataset/analysis/players.xlsx', header=None, names=['roll', 'age', 'name'])`

Out[27]:

	roll	age	name
0	virat	32	12000
1	rohit	30	11900
2	pandya	27	5000

In [29]: `dict_dfs=pd.read_excel('g:/dataset/analysis/players.xlsx', sheet_name=None)`  
dict\_dfs

```
Out[29]: {'Sheet1':      virat  32  12000
          0    rohit  30  11900
          1  pandaya  27   5000,
       'Sheet2': Empty DataFrame
       Columns: []
       Index: [],
       'Sheet3': Empty DataFrame
       Columns: [aaaa]
       Index: []}
```

```
In [30]: dict_dfs.keys()
```

```
Out[30]: dict_keys(['Sheet1', 'Sheet2', 'Sheet3'])
```

```
In [33]: df1=dict_dfs['Sheet1']
df1
```

```
Out[33]:      virat  32  12000
              0    rohit  30  11900
              1  pandaya  27   5000
```

```
In [34]: df2=dict_dfs['Sheet3']
df2
```

```
Out[34]: aaaa
```

```
In [36]: df=pd.read_excel('g:/dataset/analysis/movies_sheets.xls')
df
```

Out[36]:

	Title	Year	Category	Language	Country	Content Rating	Duration	A
0	Intolerance: Love's Struggle Throughout the Ages	1916	Drama History War	NaN	USA	Not Rated	123	
1	Over the Hill to the Poorhouse	1920	Crime Drama	NaN	USA	NaN	110	
2	The Big Parade	1925	Drama Romance War	NaN	USA	Not Rated	151	
3	Metropolis	1927	Drama Sci-Fi	German	Germany	Not Rated	145	
4	Pandora's Box	1929	Crime Drama Romance	German	Germany	Not Rated	110	
...	...	...	...	...	...	...	...	
1333	Twin Falls Idaho	1999	Drama	English	USA	R	111	
1334	Universal Soldier: The Return	1999	Action Sci-Fi	English	USA	R	83	
1335	Varsity Blues	1999	Comedy Drama Romance Sport	English	USA	R	106	
1336	Wild Wild West	1999	Action Comedy Sci-Fi Western	English	USA	PG-13	106	
1337	Wing Commander	1999	Action Adventure Sci-Fi	English	USA	PG-13	100	

1338 rows × 25 columns

In [37]:	df=pd.read_excel('g:/dataset/analysis/movies_sheets.xls',nrows=100)
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Out[37]:

	Title	Year	Category	Language	Country	Content Rating	Duration
0	Intolerance: Love's Struggle Throughout the Ages	1916	Drama History War	NaN	USA	Not Rated	123
1	Over the Hill to the Poorhouse	1920	Crime Drama	NaN	USA	NaN	110
2	The Big Parade	1925	Drama Romance War	NaN	USA	Not Rated	151
3	Metropolis	1927	Drama Sci-Fi	German	Germany	Not Rated	145
4	Pandora's Box	1929	Crime Drama Romance	German	Germany	Not Rated	110
...	...	...	...	...	...	...	...
95	It's a Mad, Mad, Mad, Mad World	1963	Action Adventure Comedy Crime	English	USA	Approved	197
96	The Great Escape	1963	Adventure Drama History Thriller War	English	USA	Approved	172
97	Tom Jones	1963	Adventure Comedy History	English	UK	Unrated	121
98	A Fistful of Dollars	1964	Action Drama Western	Italian	Italy	R	99
99	A Hard Day's Night	1964	Comedy Musical	English	UK	Approved	87

100 rows × 25 columns

In [39]: `df=pd.read_excel('g:/dataset/analysis/movies_sheets.xls',nrows=100,skiprows=5)`  
df

Out[39]:

	Pandora's Box	1929	Crime Drama Romance	German	Germany	Not Rated	110	1
0	The Broadway Melody	1929	Musical Romance	English	USA	Passed	100	1
1	Hell's Angels	1930	Drama War	English	USA	Passed	96	1
2	A Farewell to Arms	1932	Drama Romance War	English	USA	Unrated	79	1
3	42nd Street	1933	Comedy Musical Romance	English	USA	Unrated	89	1
4	She Done Him Wrong	1933	Comedy Drama History Musical Romance	English	USA	Approved	66	1
...	...	...	...	...	...	...	...	...
95	Dr. Strangelove or: How I Learned to Stop Worrying...	1964	Comedy	English	USA	PG	95	1
96	Goldfinger	1964	Action Adventure Thriller	English	UK	Approved	110	1
97	Mary Poppins	1964	Comedy Family Fantasy Musical	English	USA	Approved	139	1
98	My Fair Lady	1964	Drama Family Musical Romance	English	USA	Approved	170	1
99	Nothing But a Man	1964	Drama Romance	English	USA	Not Rated	95	1

100 rows × 25 columns

In [43]: `df=pd.read_excel('g:/dataset/analysis/movies_sheets.xls',nrows=100,skiprows=[1,2,3])`

Out[43]:

	Title	Year	Category	Language	Country	Content Rating	Durat
0	The Broadway Melody	1929	Musical Romance	English	USA	Passed	.
1	Hell's Angels	1930	Drama War	English	USA	Passed	.
2	A Farewell to Arms	1932	Drama Romance War	English	USA	Unrated	.
3	42nd Street	1933	Comedy Musical Romance	English	USA	Unrated	.
4	She Done Him Wrong	1933	Comedy Drama History Musical Romance	English	USA	Approved	.
...	...	...	...	...	...	...	...
95	Dr. Strangelove or: How I Learned to Stop Worry...	1964	Comedy	English	USA	PG	.
96	Goldfinger	1964	Action Adventure Thriller	English	UK	Approved	.
97	Mary Poppins	1964	Comedy Family Fantasy Musical	English	USA	Approved	.
98	My Fair Lady	1964	Drama Family Musical Romance	English	USA	Approved	.
99	Nothing But a Man	1964	Drama Romance	English	USA	Not Rated	.

100 rows × 25 columns

In [44]: `df=pd.read_excel('g:/dataset/analysis/movies_sheets.xls',nrows=100,skiprows=(1,6))`

Out[44]:

	Title	Year	Category	Language	Country	Content Rating	Duration
0	Over the Hill to the Poorhouse	1920	Crime Drama	NaN	USA	NaN	110
1	The Big Parade	1925	Drama Romance War	NaN	USA	Not Rated	151
2	Metropolis	1927	Drama Sci-Fi	German	Germany	Not Rated	145
3	Pandora's Box	1929	Crime Drama Romance	German	Germany	Not Rated	110
4	Hell's Angels	1930	Drama War	English	USA	Passed	96
...	...	...	...	...	...	...	...
94	The Great Escape	1963	Adventure Drama History Thriller War	English	USA	Approved	172
95	Tom Jones	1963	Adventure Comedy History	English	UK	Unrated	121
96	A Fistful of Dollars	1964	Action Drama Western	Italian	Italy	R	99
97	A Hard Day's Night	1964	Comedy Musical	English	UK	Approved	87
98	Dr. Strangelove or: How I Learned to Stop Worry...	1964	Comedy	English	USA	PG	95

99 rows × 25 columns

In [46]: `df=pd.read_excel('g:/dataset/analysis/movies_sheets.xls',usecols=['Title','Year','I`

Out[46]:

		Title	Year	Duration
0	Intolerance: Love's Struggle Throughout the Ages		1916	123
1	Over the Hill to the Poorhouse		1920	110
2	The Big Parade		1925	151
3	Metropolis		1927	145
4	Pandora's Box		1929	110
...	...	...	...	...
1333	Twin Falls Idaho		1999	111
1334	Universal Soldier: The Return		1999	83
1335	Varsity Blues		1999	106
1336	Wild Wild West		1999	106
1337	Wing Commander		1999	100

1338 rows × 3 columns

In [50]: `df=pd.read_excel('g:/dataset/analysis/movies_sheets.xls',usecols='A,E')  
df`

Out[50]:

		Title	Country
0	Intolerance: Love's Struggle Throughout the Ages		USA
1	Over the Hill to the Poorhouse		USA
2	The Big Parade		USA
3	Metropolis	Germany	
4	Pandora's Box	Germany	
...	...	...	...
1333	Twin Falls Idaho		USA
1334	Universal Soldier: The Return		USA
1335	Varsity Blues		USA
1336	Wild Wild West		USA
1337	Wing Commander		USA

1338 rows × 2 columns

In [ ]: