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PYTHON PANDAS TUTORIAL

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Get the maximum value of column in python pandas

Get the maximum value of column in python pandas : In this tutorial we will learn How to get the maximum value of all the columns in dataframe of python pandas. How to get the maximum value of a specific column in python pandas using max() function.

Create Dataframe:

```
1 import pandas as pd
2 import numpy as np
3
4 #Create a DataFrame
5 d = {
```

- Median Function in pandas
- Mode Function in Pandas
- Harmonic Mean Function in Pandas
- Geometric Mean Function in Pandas
- Standard deviation Function in pandas
- Variance Function in pandas
- join (merge) data frames in pandas
- Apply Functions in pandas
- Rename the column in pandas
- Reindex in python pandas
- Row bind in pandas
- column bind in pandas
- Assign new column to dataframe in pandas
- Group a dataframe in pandas
- Sort the List in python

```

6  'Name': ['Alisa', 'Bobby', 'jodha', 'jack', 'raghu', 'Cat
7  'Alisa', 'Bobby', 'kumar', 'Alisa', 'Alex', 'Cathrine'],
8  'Age': [26, 24, 23, 22, 23, 24, 26, 24, 22, 23, 24, 24],
9
10 'Score': [85, 63, 55, 74, 31, 77, 85, 63, 42, 62, 89, 77]}
11
12 df = pd.DataFrame(d, columns=['Name', 'Age', 'Score'])
13 df

```

So the resultant dataframe will be

	Name	Age	Score
0	Alisa	26	85
1	Bobby	24	63
2	jodha	23	55
3	jack	22	74
4	raghu	23	31
5	Cathrine	24	77
6	Alisa	26	85
7	Bobby	24	63
8	kumar	22	42
9	Alisa	23	62
10	Alex	24	89
11	Cathrine	24	77

Get the maximum value of all the column in python pandas:

```

1  # get the maximum values of all the column in datafr
2
3  df.max()

```



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More

- sort a dataframe in pandas
- sort a dataframe in pandas by index
- Cross tab in pandas
- Rank the dataframe in pandas
- Drop the duplicate row in pandas
- Find the duplicate rows in pandas
- Drop the row in pandas with conditions
- Drop or delete column in pandas
- **Get maximum value of column in pandas**
- Get minimum value of column in pandas
- select row with maximum and minimum value in pandas
- Get unique values of dataframe in Pandas
- Get list of column name in pandas

This gives the list of all the column names and its maximum value, so the output will be

```
Name      raghu
Age        26
Score      89
dtype: object
```

Get the maximum value of a specific column in python pandas:

Example 1:

```
1 | # get the maximum value of the column 'Age'
2 |
3 | df['Age'].max()
```

This gives the maximum value of column Age so the output will be

26

Example 2:

```
1 | # get the maximum value of the column 'Name'
2 |
3 | df['Name'].max()
```

- Get unique values of a column in pandas
- Hierarchical indexing in pandas
- Index, Select, Filter dataframe in pandas
- Indexing with iloc, loc and ix in pandas
- Reshape wide to long in pandas
- Reshape long to wide in pandas
- Reshape Stack(), unstack() function in Pandas
- Create Pivot table in Pandas
- Scaling, normalizing a column in Pandas

This gives the maximum value of column Name so the output will be

'raghu'

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