

How can I drop rows in a Pandas dataframe that contain a specific value?

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The process of dropping rows in a Pandas dataframe that contain a specific value involves using the "drop" function in Pandas and specifying the value to be dropped in the parameters. This will remove all rows that contain the specified value, thus allowing for the modification of the dataframe according to the desired criteria. This can be a useful tool for data cleaning and organizing in data analysis tasks.

Pandas: Drop Rows that Contain a Specific Value

You can use the following syntax to drop rows in a pandas DataFrame that contain a specific value in a certain column:

```
#drop rows that contain specific 'value' in  
'column_name'  
df = df
```

You can use the following syntax to drop rows in a pandas DataFrame that contain any value in a certain list:

```
#define values  
values =
```

```
#drop rows that contain any value in the list  
df = df
```

The following examples show how to use this syntax in

practice.

Example 1: Drop Rows that Contain a Specific Value

The following code shows how to drop any rows that contain a specific value in one column:

```
import pandas as pd
```

```
#create DataFrame
```

```
df = pd.DataFrame({'team': ,  
'name': ,  
'rebounds': ,  
'points': })
```

```
#view DataFrame
```

```
df
```

```
team name rebounds points
```

```
0 Mavs Dirk 11 26
```

```
1 Lakers Kobe 7 31
```

```
2 Spurs Tim 14 22
```

```
3 Cavs LeBron 7 29
```

```
#drop any rows that have 7 in the rebounds column
```

```
df = df
```

```
#view resulting DataFrame  
df
```

```
team name rebounds points  
0 Mavs Dirk 11 26  
2 Spurs Tim 14 22
```

Example 2: Drop Rows that Contain Values in a List

The following code shows how to drop any rows in the DataFrame that contain any value in a list:

```
import pandas as pd  
  
#create DataFrame  
df = pd.DataFrame({'team': ,  
 'name': ,  
 'rebounds': ,  
 'points': })
```

```
#view DataFrame  
df
```

```
team name rebounds points  
0 Mavs Dirk 11 26  
1 Lakers Kobe 7 31
```

2 Spurs Tim 14 22

3 Cavs LeBron 7 29

#define list of values

values =

**#drop any rows that have 7 or 11 in the rebounds
column**

df = df

#view resulting DataFrame

df

team name rebounds points

2 Spurs Tim 14 22

Example 3: Drop Rows that Contain Specific Values in Multiple Columns

**The following code shows how to drop any rows in the
DataFrame that contain a specific value in one of
several columns:**

import pandas as pd

#create DataFrame

df = pd.DataFrame({'team': ,

```
'name': ,  
'rebounds': ,  
'points': })
```

```
#view DataFrame  
df
```

```
team name rebounds points  
0 Mavs Dirk 11 26  
1 Lakers Kobe 7 31  
2 Spurs Tim 14 22  
3 Cavs LeBron 7 29
```

```
#drop any rows that have 11 in the rebounds column or  
31 in the points column  
df = df
```

```
#view resulting DataFrame  
df
```

```
team name rebounds points  
2 Spurs Tim 14 22  
3 Cavs LeBron 7 29
```