

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

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This process involves using the "drop" function in Pandas to remove rows from a dataframe that contain a specific string. This can be achieved by first identifying the rows that contain the string using the "str.contains" function, and then using the "drop" function to remove those rows from the dataframe. This method is useful for data cleaning and filtering out unwanted data from a dataframe.

Pandas: Drop Rows that Contain a Specific String

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

```
df.str.contains("this string")==False]
```

This tutorial explains several examples of how to use this syntax in practice with the following DataFrame:

```
import pandas as pd
```

```
#create DataFrame
```

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

```
#view DataFrame
```

```
df
```

```
team conference points
```

```
0 A East 11
```

1 A East 8
2 A East 10
3 B West 6
4 B West 6
5 C East 5

Example 1: Drop Rows that Contain a Specific String

The following code shows how to drop all rows in the DataFrame that contain 'A' in the team column:

```
df.str.contains("A")==False]
```

team conference points

3 B West 6
4 B West 6
5 C East 5

Example 2: Drop Rows that Contain a String in a List

The following code shows how to drop all rows in the DataFrame that contain 'A' or 'B' in the team column:

```
df.str.contains("A|B")==False]
```

team conference points

5 C East 5

Example 3: Drop Rows that Contain a Partial String

In the previous examples, we dropped rows based on rows that exactly matched one or more strings.

However, if we'd like to drop rows that contain a partial string then we can use the following syntax:

```
#identify partial string to look for  
discard =
```

```
#drop rows that contain the partial string "Wes" in the  
conference column  
df
```

```
team conference points
```

```
0 A East 11
```

```
1 A East 8
```

```
2 A East 10
```

```
5 C East 5
```

You can find more pandas tutorials on .