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In [1]: ## How to sort rows within a Pandas DataFrame
def Snippet_109():
    print()
    print(format('How to sort rows within a Pandas DataFrame', '^82'))
    import warnings
    warnings.filterwarnings("ignore")
    # load libraries
    import pandas as pd
    # Create dataframe
    data = {'name': ['Jason', 'Molly', 'Tina', 'Jake', 'Amy'],
           'year': [2012, 2012, 2013, 2014, 2014],
           'reports': [1, 2, 1, 2, 3],
           'coverage': [2, 2, 3, 3, 3]}
    df = pd.DataFrame(data, index = ['Cochice', 'Pima', 'Santa Cruz', 'Maricopa', 'Yuma'])
    print(); print(df)
    # Sort the dataframe's rows by reports, in descending order
    print(); print(df.sort_values(by='reports', ascending=0))
    # Sort the dataframe's rows by reports, in ascending order
    print(); print(df.sort_values(by='reports', ascending=1))
    # Sort the dataframe's rows by coverage and then by reports, in ascending order
    print(); print(df.sort_values(by=['coverage', 'reports']))
Snippet_109()
```

*****How to sort rows within a Pandas DataFrame*****

	name	year	reports	coverage
Cochice	Jason	2012	1	2
Pima	Molly	2012	2	2
Santa Cruz	Tina	2013	1	3
Maricopa	Jake	2014	2	3
Yuma	Amy	2014	3	3

	name	year	reports	coverage
Yuma	Amy	2014	3	3
Pima	Molly	2012	2	2
Maricopa	Jake	2014	2	3
Cochice	Jason	2012	1	2
Santa Cruz	Tina	2013	1	3

	name	year	reports	coverage
Cochice	Jason	2012	1	2
Santa Cruz	Tina	2013	1	3
Pima	Molly	2012	2	2
Maricopa	Jake	2014	2	3
Yuma	Amy	2014	3	3

	name	year	reports	coverage
Cochice	Jason	2012	1	2
Pima	Molly	2012	2	2
Santa Cruz	Tina	2013	1	3
Maricopa	Jake	2014	2	3
Yuma	Amy	2014	3	3

In []: