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In [1]: ## How to drop ROW and COLUMN in a Pandas DataFrame
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In [2]: def Kickstarter_Example_86():
print()
print(format('How to drop ROW and COLUMN in a Pandas DataFrame', '^82'))
import warnings
warnings.filterwarnings("ignore")

# load libraries
import pandas as pd

# Create a dataframe
data = {'name': ['Jason', 'Molly', 'Tina', 'Jake', 'Amy'],
        'year': [2012, 2012, 2013, 2014, 2014],
        'reports': [4, 24, 31, 2, 3]}
df = pd.DataFrame(data, index = ['Cochice', 'Pima', 'Santa Cruz', 'Maricopa', 'Yuma'])
print(); print(df)

# Drop an observation (row)
print(); print(df.drop(['Cochice', 'Pima']))

# Drop a variable (column) # Note: axis=1 denotes that we are referring to a column, not a row
print(); print(df.drop('reports', axis=1))

# Drop a row if it contains a certain value (in this case, "Tina")
print(); print(df[df.name != 'Tina'])

# Drop a row by row number (in this case, row 3)
print(); print(df.drop(df.index[2]))

# can be extended to dropping a range
print(); print(df.drop(df.index[[2,3]]))

# dropping relative to the end of the DF.
print(); print(df.drop(df.index[-2]))

# Keep top 3
print(); print(df[:3])

# Drop bottom 3
print(); print(df[:-3])

Kickstarter_Example_86()
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\*\*\*\*\*How to drop ROW and COLUMN in a Pandas DataFrame\*\*\*\*\*

	name	year	reports
Cochice	Jason	2012	4
Pima	Molly	2012	24
Santa Cruz	Tina	2013	31
Maricopa	Jake	2014	2
Yuma	Amy	2014	3

	name	year	reports
Santa Cruz	Tina	2013	31
Maricopa	Jake	2014	2
Yuma	Amy	2014	3

	name	year
Cochice	Jason	2012
Pima	Molly	2012
Santa Cruz	Tina	2013
Maricopa	Jake	2014
Yuma	Amy	2014

	name	year	reports
Cochice	Jason	2012	4
Pima	Molly	2012	24
Maricopa	Jake	2014	2
Yuma	Amy	2014	3

	name	year	reports
Cochice	Jason	2012	4
Pima	Molly	2012	24
Maricopa	Jake	2014	2
Yuma	Amy	2014	3

	name	year	reports
Cochice	Jason	2012	4
Pima	Molly	2012	24
Yuma	Amy	2014	3

	name	year	reports
Cochice	Jason	2012	4
Pima	Molly	2012	24
Santa Cruz	Tina	2013	31
Yuma	Amy	2014	3

	name	year	reports
Cochice	Jason	2012	4
Pima	Molly	2012	24
Santa Cruz	Tina	2013	31

	name	year	reports
Cochice	Jason	2012	4
Pima	Molly	2012	24

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In [ ]:
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