Python Data Analysis and Visualization

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**Homework Exercises: Data Cleaning**

1. Write the code to create a new dataframe that contains only the non-null values of an existing dataframe df

df2 = df.dropna()

1. Write the code to convert all column names in a dataframe called df\_SAFI to lowercase.

df\_SAFI.rename(columns=new\_columns, inplace=True)

1. Write the code to sort the rows of a dataframe called gdp\_europe in ascending order by the GDP value in the year 1957.

gdp\_europe = gdp\_europe.sort\_values(by='1957', ascending=True)

1. Write the code to convert all column headers in gdp\_europe (except the 'country' column) to datetime format using a list comprehension?

gdp\_europe.columns = [pd.to\_datetime(col, format='%Y') if col != 'country' else col for col in gdp\_europe.columns]