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import pandas as pd

import numpy as np

import scipy as sc


data = pd.read_csv("/content/SOCR-HeightWeight.csv")


data.info()


#mean median std using numpy

weight = np.array(data["Weight(Pounds)"])

height = np.array(data["Height(Inches)"])

mean_weight = np.mean(weight)

median_weight = np.median(weight)

std_weight = np.std(weight)


print(

    "Weight\n"

    "Mean: " ,mean_weight ,"\n"

    "Median: " , median_weight ,"\n"

    "Std: " ,std_weight , "\n\n"

)

mean_height = np.mean(height)

median_height = np.median(height)
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std_height = np.std(height)

print(

    "Height\n"

    "Mean: " , mean_height , "\n"

    "Median: " , median_height , "\n"

    "Std: " , std_height , "\n\n"

)

#skewness and kurtosis using scipy

print("Skewness of height is : " , sc.stats.skew(height) , "\n")

print("Skewness of weight is : " , sc.stats.skew(weight) , "\n\n")

print("kurtosis of height is : " , sc.stats.kurtosis(height) , "\n")

print("kurtosis of weight is : " , sc.stats.kurtosis(weight) , "\n")

```

Results

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Weight
Mean: 127.07942116080001
Median: 127.15775
Std: 11.66066434332078

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Height
Mean: 67.99311359679999
Median: 67.9957
Std: 1.9016407372498432

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Skewness of height is : -0.005657639882518977
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Skewness of weight is : -0.026029783883831488
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kurtosis of height is : -0.03539236835811055
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kurtosis of weight is : 0.044491674304663054
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