Data Science : Assignment 2-1

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Project : NumPy Exercise

import numpy as np

wt=40+50\*np.random.random(100) # Fill the weight. random float numbers between 40.0 and 90.0.

ht=np.floor(140+60\*np.random.random(100)) # fill the height. random integers between 140 and 200(centimeters).

ht=ht/100

X=zip(wt,ht)

BMI={}

i=0

for w,h in (tuple(X)):

    BMI[i]=w/(h\*h)

    i+=1

for j in range(0,100):

    print(BMI[j])

Result

23.03227828123378

33.436737556588184

26.978926920964426

30.854992865315634

32.132167555268715

15.076574460372898

26.63048912885631

19.325480325894347

17.457810630965486

12.4625152248242