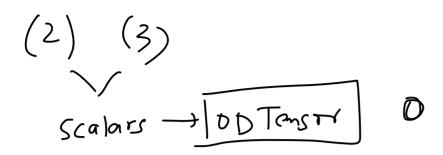


भिरमय 2(भा





OD tensor ATICA 26Ar O Dimension - Hardon tensoon 27 GA n- phonenional array.

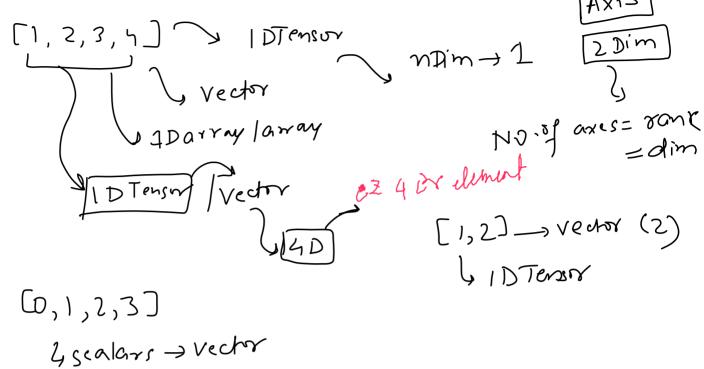
codes

impost numpy as no

a=1p. w. ay (4)
a -> outputs array (4)
a. ndim -> outputs 0 [as wrager o Dimensional array -

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1 D tunsor mens 1 D Arrouf / Vertor.

axis: simply means how many dimension in our data type.

Number of axis as rounk or dimension agent 1

code: INPUT import numpy as np d = np.array([1,2,3,4,5,6]) print(d) print(d.ndim)

Output:

array([1,2,3,4,5,6])

dimension: 1

1D tensor of victor 17st 1 4721 26 Ant 22 287/42 - rode 27
Vector 27 Dimension 200 572(4 (ABS 274 - 77, 472) 4 fit element.

1 D tensor of organizations OD tensor/relater (AZI ATS) 1
20 " 1 D tensor " "
20 " 20 " "

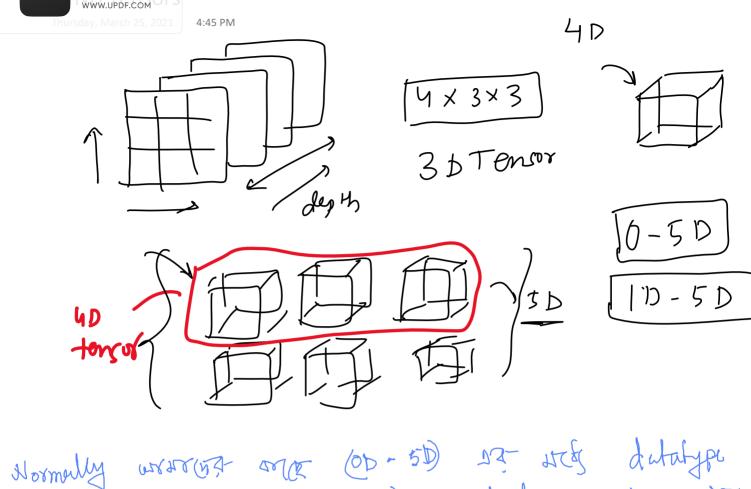


Code: Input

import numpy as np
d = np.array([[1,2,3],[4,5,6],
[7,8,9]])
print(d)
print(type(d))
print(d.ndim)

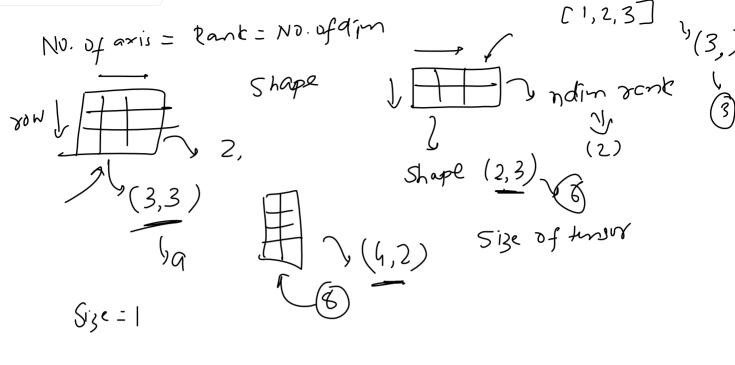
Output:
[[1 2 3]
[4 5 6]
[7 8 9]]
<class 'numpy.ndarray'>
2





strange i stratet armer 12 Related Exercise Chita i



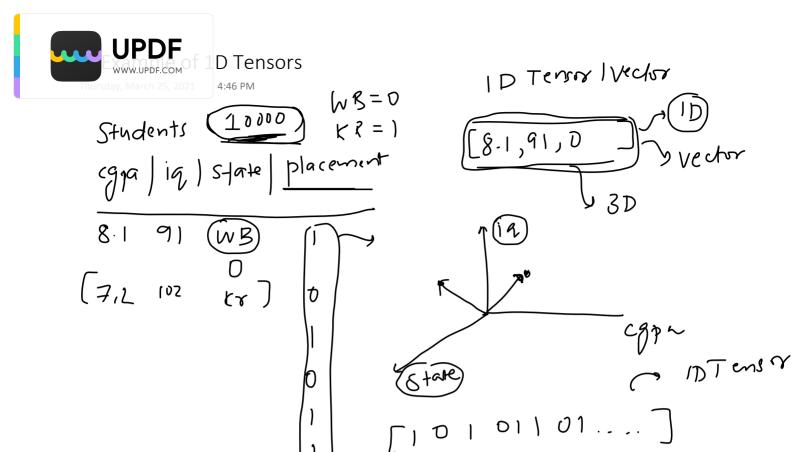


Romk out. AXAS = No of dimension.

AND (At shape 2000 Matrix It sout 1 = 3 80WS

So shape 2(3,3)

Frize 2000 shape 1+ product. Descri



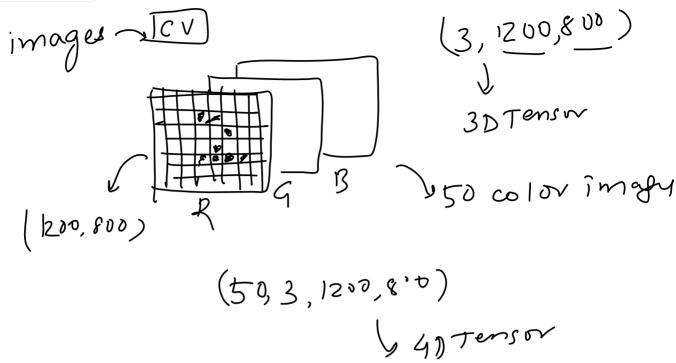
NOSTAT ATOJE Student 24 information 2 (ato AT 600th vector, 512- ATOJE student 242- info 2 (ato 1D tensor. One dimension tensor 2 (ato 1) proposion for multidimensional vector. Vector set Dimension 2 or 2 (ato 1) pressor.

√ 10000 no.



marsady, march 25, 2521					
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Hi Rahul	0		0	O	
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\mathcal{I}		_ (2 m) _		
$\left(\begin{array}{c} 1,0,0,0\end{array}\right)$,0,1,0,	[کر ہ		'(3,	2,4)
[[1,0,0,0]]	, [0 , 0 , 1	,07] (V 3DTe	nsvy	
[[1,0,0,0]]	,0,0,	0,177			
Timeserics Dat	ła			× 70	years
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pay 36	_	_		(1 o)	365,2)
3 (5					G3D Jensa





Colour (1000 Pt)

+ 3 to channel

= 32 x 32 resolution

La Shape 2(4 ", (1000, 32,32,3)

total

image resolution



Video 8 G framus 60 sec 30 fps Lygop - 486 × 720 (3 channels)

4 (60sec)

Lo 27 GB Lo vido (4, (1800, 480, 720(3)) 1 Jenson Floortsz)

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