

Manipulating Arrays in Python

In Python using Numpy

1. Use Numpy to generate a random 2-dimensional numpy array with dimensions 5x5.
2. Print the entire array.
3. Print the number from the 2nd row, 3rd column
4. Print the sum of all the elements in the array.
5. Print the mean of each row in the array.
6. Print the maximum value in each column of the array.

[Numpy documentation](#)

Hint: `array = np.random.randint(x,x, size=(x,x), dtype=int)`

Hint: `np.mean(array, axis=1)`

Two Submissions

40 pts When you are done, submit your .py file to Canvas.

10 pts Also push or upload your .py file to **your** remote repository used in the previous assignment - I kept a list of all of them