

February 6, 2021

```
[1]: import numpy as np
import matplotlib.pyplot as plt
import os
```

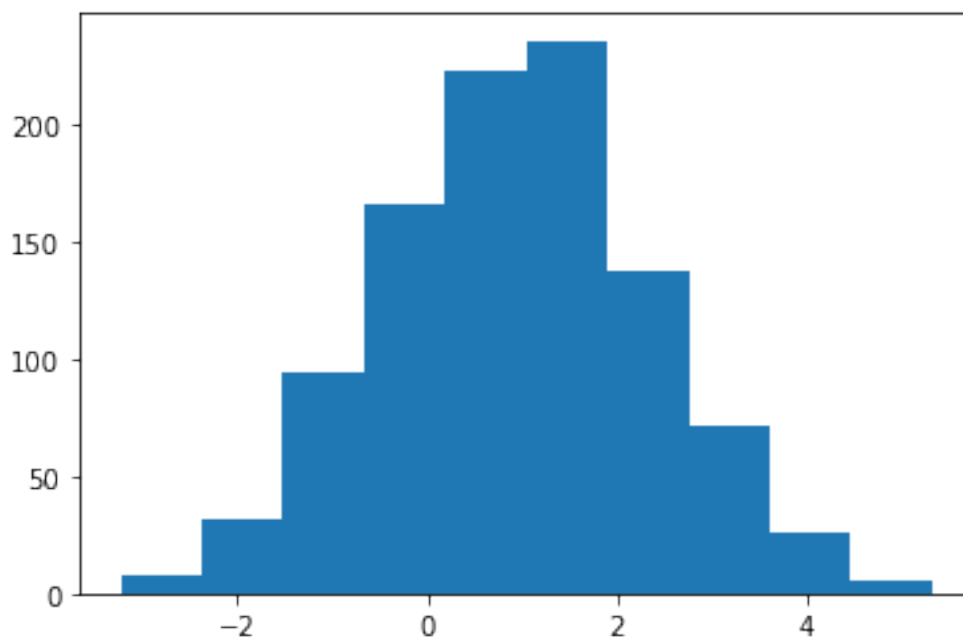
Hey so this is the markdown tab.

```
[2]: x = np.random.normal(0,1,1000)
y = np.random.normal(1,1,1000)

z = x + y

plt.hist(z, bins=10)
```

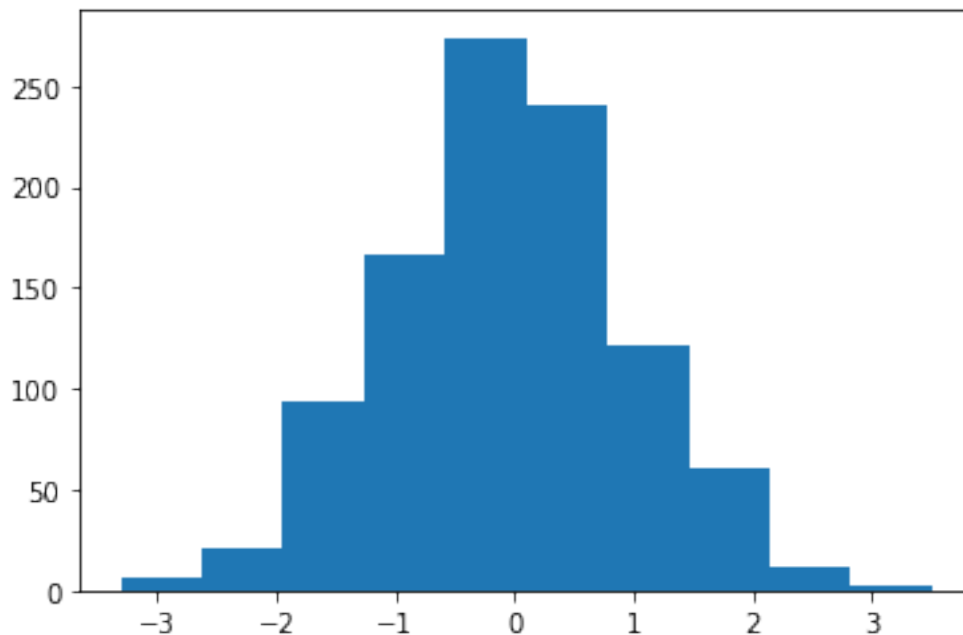
```
[2]: (array([ 8., 32., 94., 166., 223., 236., 138., 72., 26., 5.]),
array([-3.23569573, -2.37935036, -1.523005, -0.66665963, 0.18968574,
1.04603111, 1.90237647, 2.75872184, 3.61506721, 4.47141258,
5.32775794])),
<BarContainer object of 10 artists>)
```



Alright, so things seems working.

```
[3]: plt.hist(x)
```

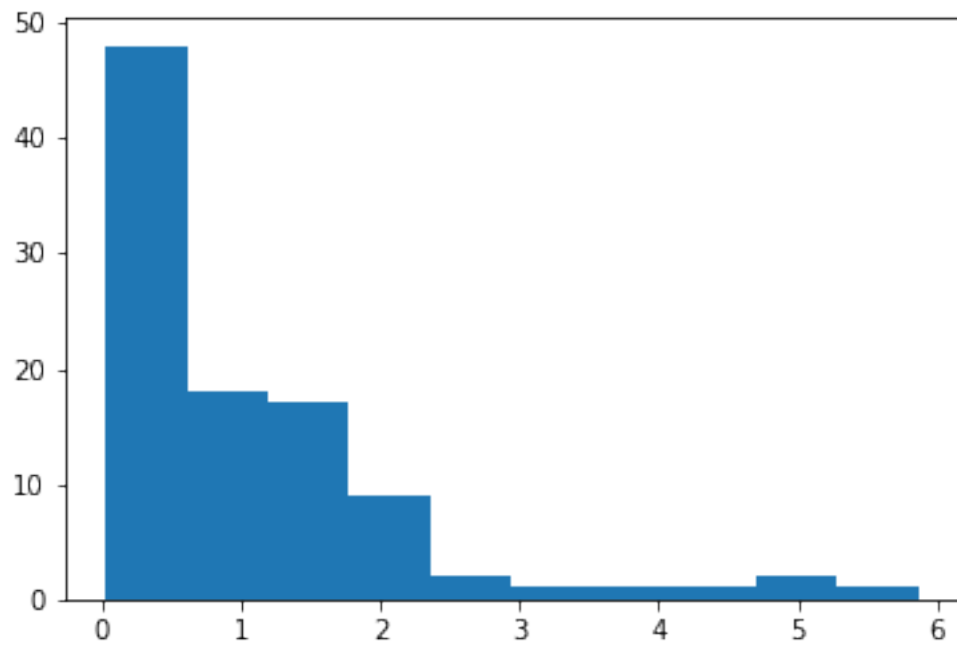
```
[3]: (array([ 6., 21., 94., 167., 274., 241., 122., 61., 11., 3.]),  
      array([-3.30482058, -2.62382344, -1.94282631, -1.26182917, -0.58083204,  
            0.1001651 , 0.78116223, 1.46215937, 2.1431565 , 2.82415364,  
            3.50515078]),  
      <BarContainer object of 10 artists>)
```



It is not on the GitHub. Idk what's going wrong with it

```
[5]: cc = np.random.exponential(1,100)  
     plt.hist(cc)
```

```
[5]: (array([48., 18., 17., 9., 2., 1., 1., 1., 2., 1.]),  
      array([0.02754521, 0.61109276, 1.19464032, 1.77818788, 2.36173543,  
            2.94528299, 3.52883054, 4.1123781 , 4.69592566, 5.27947321,  
            5.86302077]),  
      <BarContainer object of 10 artists>)
```



[]: