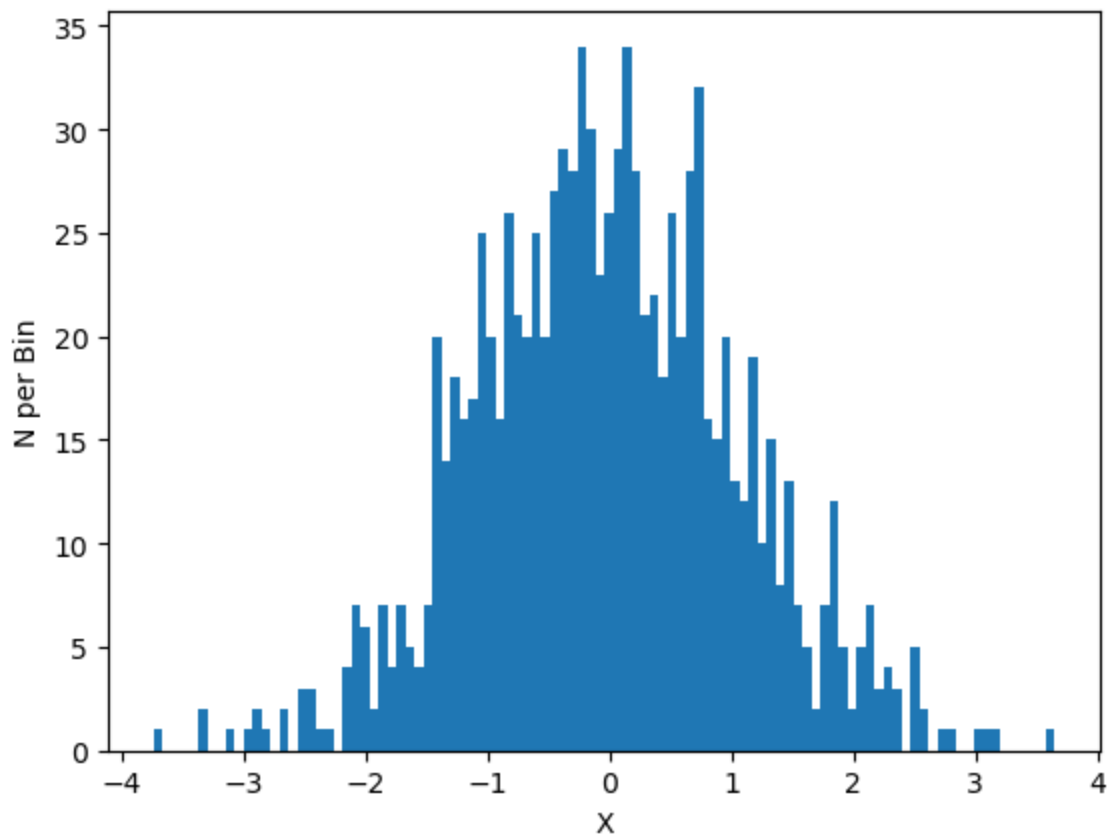


```
In [8]: import numpy as np
import matplotlib.pyplot as plt

x = np.random.randn(1000)
width = 0.5
histmin = np.floor(min(x))
histmax = np.ceil(max(x)) + width
bins = 100
plt.ylabel('N per Bin')
plt.xlabel('X')
plt.hist(x, bins = bins)
plt.show()
```



```
In [ ]:
```