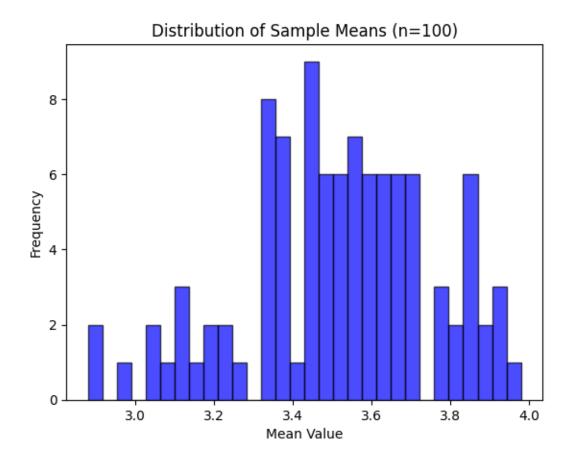
clt

November 1, 2024

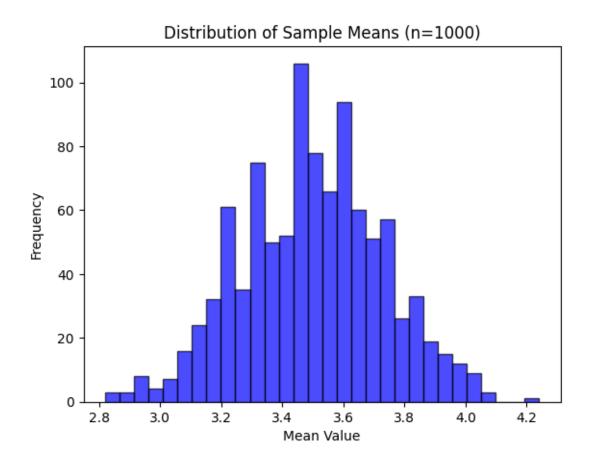
```
[3]: # Import necessary functions and libraries
from numpy.random import seed # For setting a random seed
from numpy.random import randint # For generating random integers
from numpy import mean # For calculating the mean of an array
from matplotlib import pyplot # For plotting graphs
```

[4]: # Seed the random number generator for reproducibility seed(1)

[6]: # Call the function to plot the distribution of sample means for 100 samples plot_clt(100)



[7]: # Call the function to plot the distribution of sample means for 1000 samples plot_clt(1000)



[9]: # Call the function to plot the distribution of sample means for 10000 samples plot_clt(10000)

