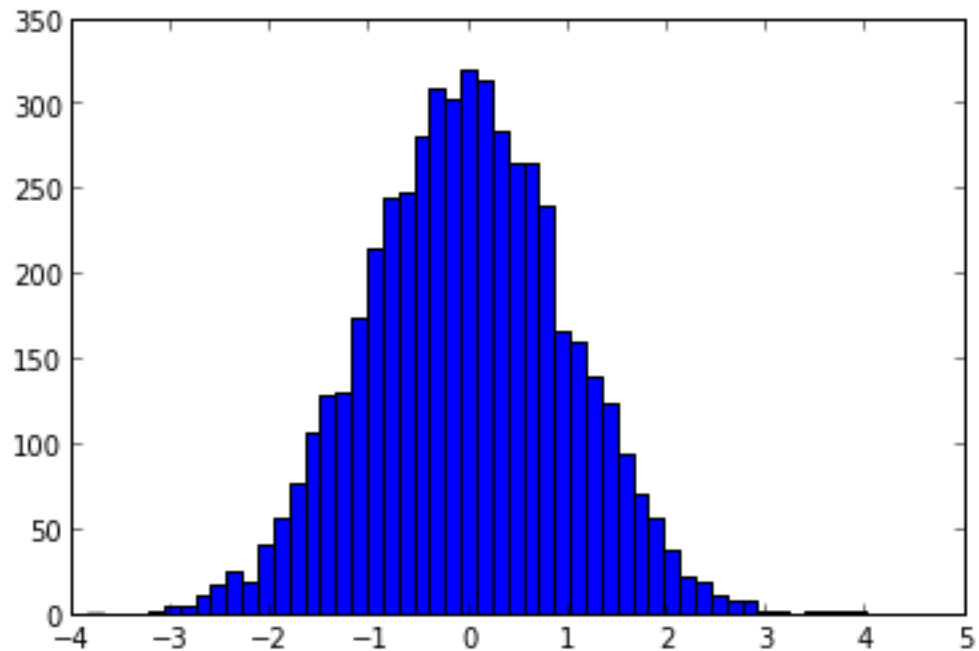

python_sample

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```
In [1]: %pylab inline
x = np.random.randn(5000)
plt.hist(x, 50);
```

Populating the interactive namespace from numpy and matplotlib



```
In [4]: t = np.arange(0.0, 1.0, 0.01)
fig = figure(1)
ax1 = fig.add_subplot(211)
ax1.plot(t, sin(2*pi*t))
ax1.grid(True)
ax1.set_ylim( (-2,2) )
ax1.set_ylabel('1 Hz')
ax1.set_title('What is this magic?')
```

Out [4]: <matplotlib.text.Text at 0xadaf82c>

