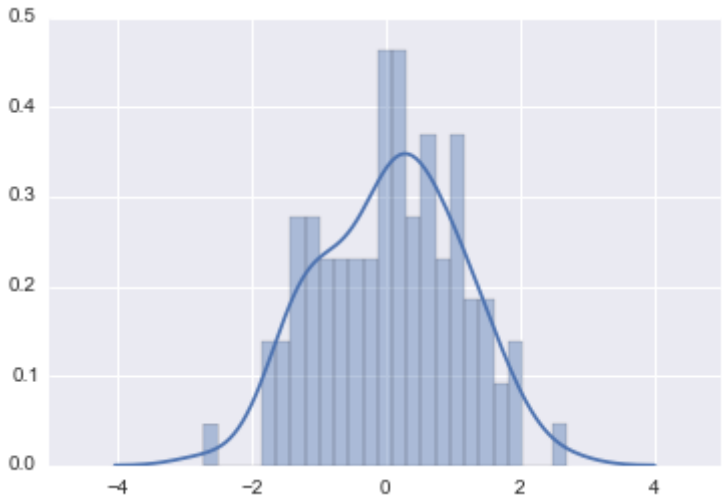
In [1]:
```
# The normal imports
import numpy as np
from numpy.random import randn
import pandas as pd

# Import the stats library from numpy
from scipy import stats

# These are the plotting modules adn libraries we'll use:
import matplotlib as mpl
import matplotlib.pyplot as plt
import seaborn as sns

# Command so that plots appear in the iPython Notebook
%matplotlib inline
```

In [2]:
```
# Now we'l learn how to combine plot styles
```

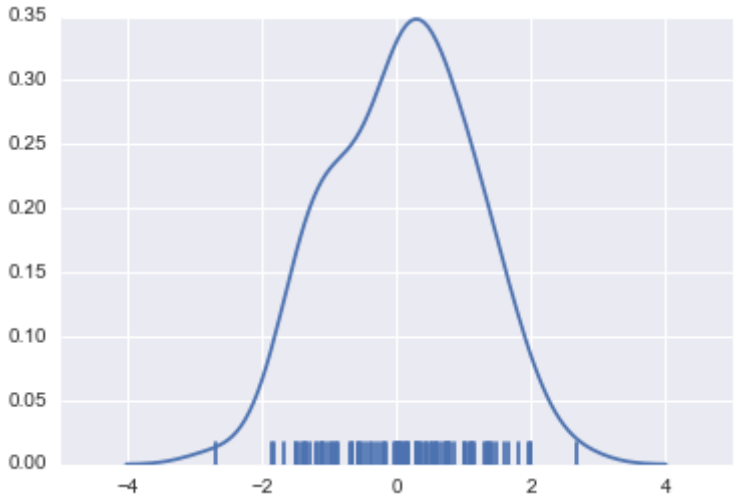
In [4]:
```
# Create datset
dataset = randn(100)

# Use distplot for combining plots, by default a kde over a histogram is shown
sns.distplot(dataset,bins=25)
```

Out[4]: <matplotlib.axes._subplots.AxesSubplot at 0x192bce48>



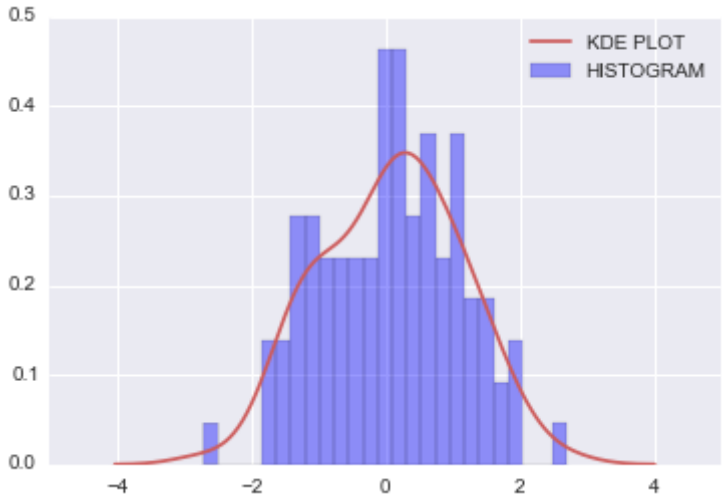
In [5]:
```
# hist, rug, and kde are all input arguments to turn those plots on or off
sns.distplot(dataset,rug=True,hist=False)
```

Out[5]: <matplotlib.axes._subplots.AxesSubplot at 0x1965ec50>



In [19]:
```
# TO control specific plots in distplot, use [plot]_kws argument with dictionarie

#Here's an example

sns.distplot(dataset,bins=25,
             kde_kws={'color':'indianred','label':'KDE PLOT'},
             hist_kws={'color':'blue','label':"HISTOGRAM"})
```

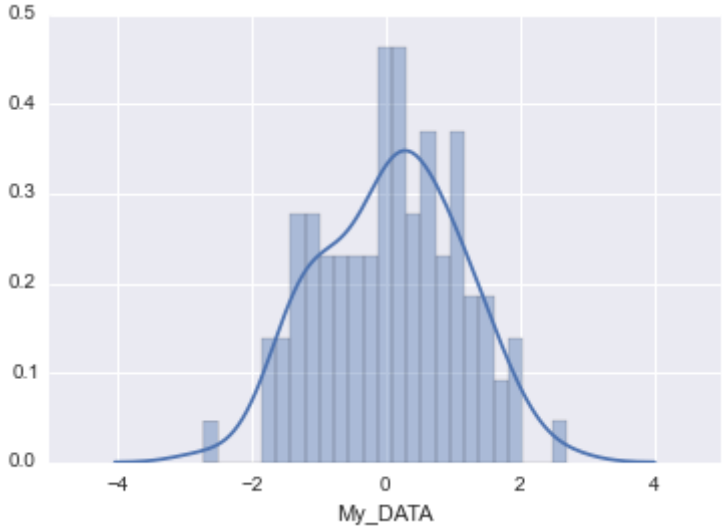
Out[19]: <matplotlib.axes._subplots.AxesSubplot at 0x1b794198>



In [22]:
```
# WE can also use pandas data objects for this

from pandas import Series

# Create Series form dataset
ser1 = Series(dataset,name='My_DATA')
```

In [25]:
```
# Plot Series
sns.distplot(ser1,bins=25)
```

Out[25]: <matplotlib.axes._subplots.AxesSubplot at 0x1c215fd0>



In [ ]:
```
# Next up: We'll learn about box and violin plots!
```