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In [19]: import random
import matplotlib.pyplot as plt
from matplotlib import style
%matplotlib inline
style.use('fivethirtyeight')

fig = plt.figure()

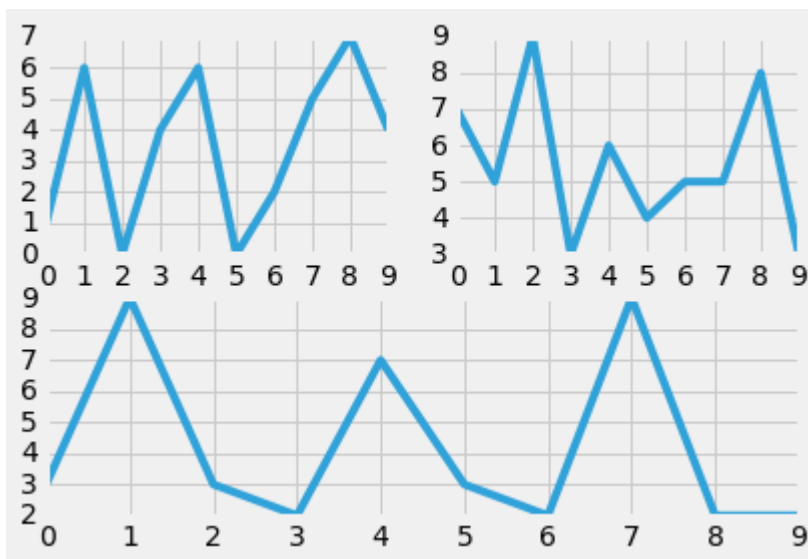
def create_plots():
    xs = []
    ys = []

    for i in range(10):
        x = i
        y = random.randrange(10)

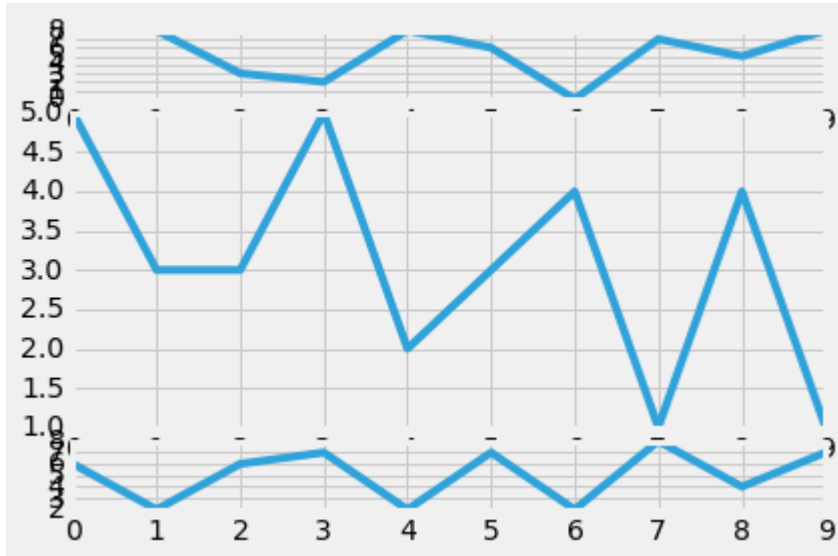
        xs.append(x)
        ys.append(y)
    return xs, ys
ax1 = fig.add_subplot(221)
ax2 = fig.add_subplot(222)
ax3 = fig.add_subplot(212)
x,y=create_plots()
ax1.plot(x,y)

x,y=create_plots()
ax2.plot(x,y)
x,y=create_plots()
ax3.plot(x,y)
plt.show()

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In [20]: ax1 = plt.subplot2grid((6,1), (0,0), rowspan=1, colspan=1)
ax2 = plt.subplot2grid((6,1), (1,0), rowspan=4, colspan=1)
ax3 = plt.subplot2grid((6,1), (5,0), rowspan=1, colspan=1)
x,y=create_plots()
ax1.plot(x,y)
x,y=create_plots()
ax2.plot(x,y)
x,y=create_plots()
ax3.plot(x,y)
plt.show()
```



In [ ]:

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