

```
In [2]: import numpy as np
        from numpy.random import randn

        import pandas as pd
        from pandas import Series, DataFrame

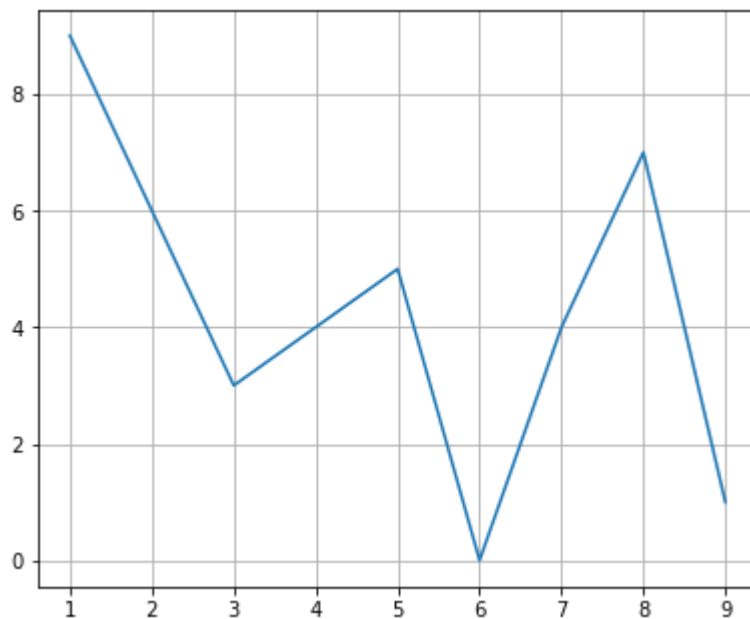
        import matplotlib.pyplot as plt
        from matplotlib import rcParams
```

```
In [3]: %matplotlib inline
        rcParams['figure.figsize'] = 5,4
```

```
In [9]: x = range(1,10)
        y = [9,6,3,4,5,0,4,7,1]

        fig = plt.figure()
        ax = fig.add_axes([.1,.1,1,1])
        ax.grid()
        ax.plot(x,y)
```

Out[9]: [<matplotlib.lines.Line2D at 0xc4655b0>]

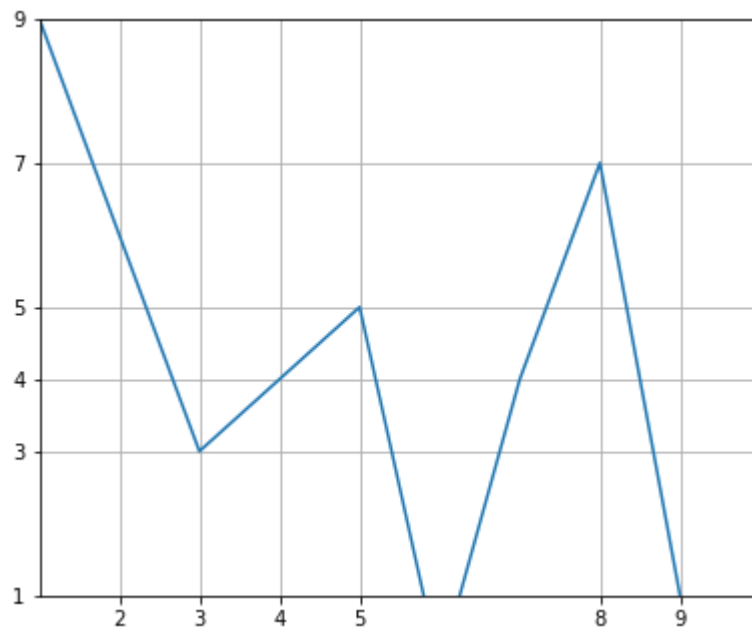


```
In [11]: fig = plt.figure()
ax = fig.add_axes([.1,.1,1,1])

ax.set_xlim(1,10)
ax.set_ylim(1,8)
ax.set_xticks([2,3,4,5,8,9])
ax.set_yticks([1,3,4,5,7,9])
ax.grid()

ax.plot(x,y)
```

Out[11]: [<matplotlib.lines.Line2D at 0xc4f32d0>]



```
In [16]: fig = plt.figure()

fig, (ax1,ax2) = plt.subplots(1,2)

ax1.plot(y)
ax2.plot(y,x)
```

Out[16]: [

<Figure size 360x288 with 0 Axes>

