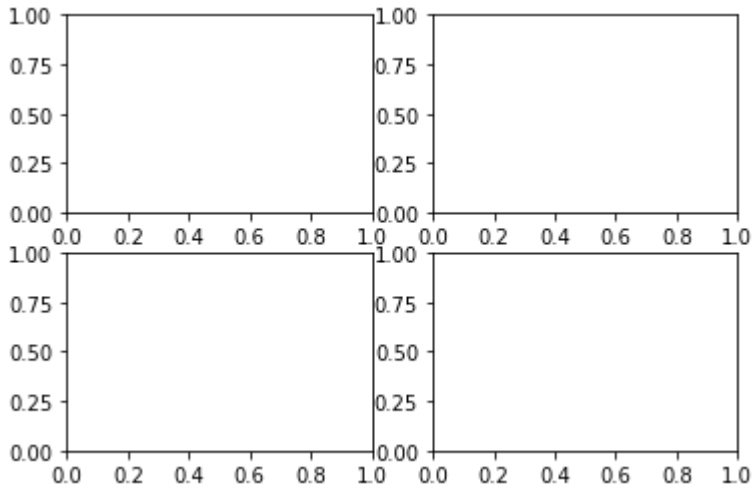
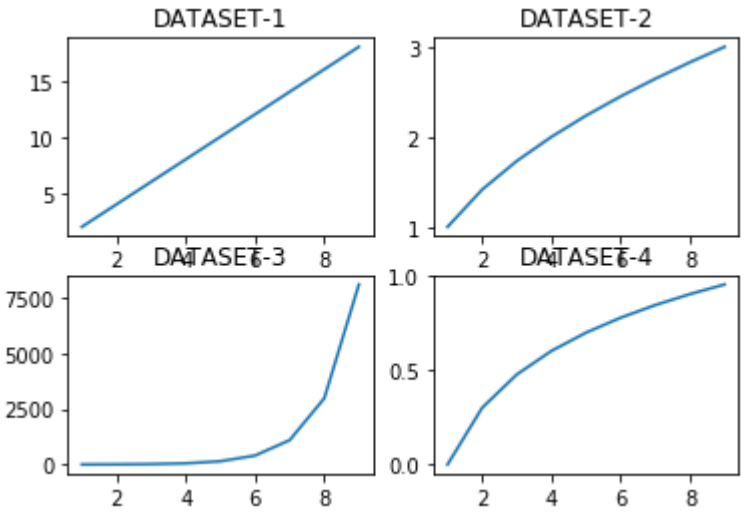
In [1]:
```
# import lib
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
```

In [2]:
```
fig,data1 = plt.subplots(2,2)
```



In [3]:
```
#temp = np.arange(1,10)
#temp
```

In [9]:
```
fig,data1 = plt.subplots(2,2)
temp = np.arange(1,10)
data1[0][0].plot(temp,temp*2)
data1[0][0].set_title("DATASET-1")

data1[0][1].plot(temp,np.sqrt(temp))
data1[0][1].set_title("DATASET-2")

data1[1][0].plot(temp,np.exp(temp))
data1[1][0].set_title("DATASET-3")

data1[1][1].plot(temp,np.log10(temp))
data1[1][1].set_title("DATASET-4")
plt.show()
```

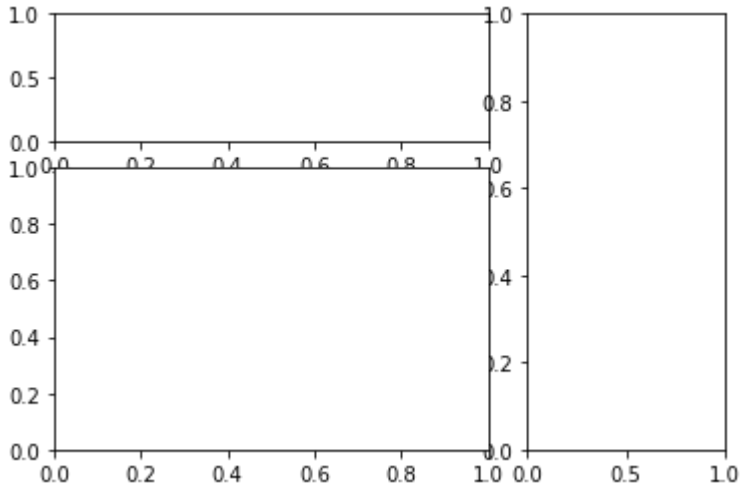


In [7]:

In [ ]:

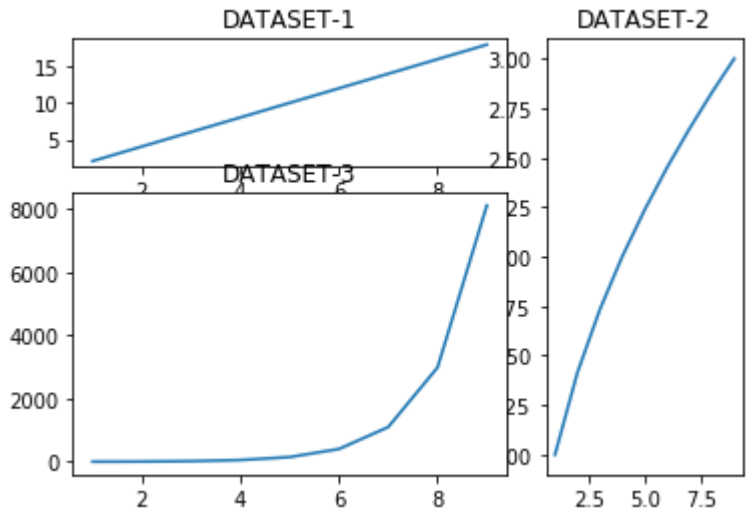
In [ ]:
```
# Example - 2
```

In [11]:
```
data1 = plt.subplot2grid((3,3),(0,0),colspan=2)
data2 = plt.subplot2grid((3,3),(0,2),rowspan=3)
data3 = plt.subplot2grid((3,3),(1,0),colspan=2,rowspan=2)
```



In [ ]:
```
```

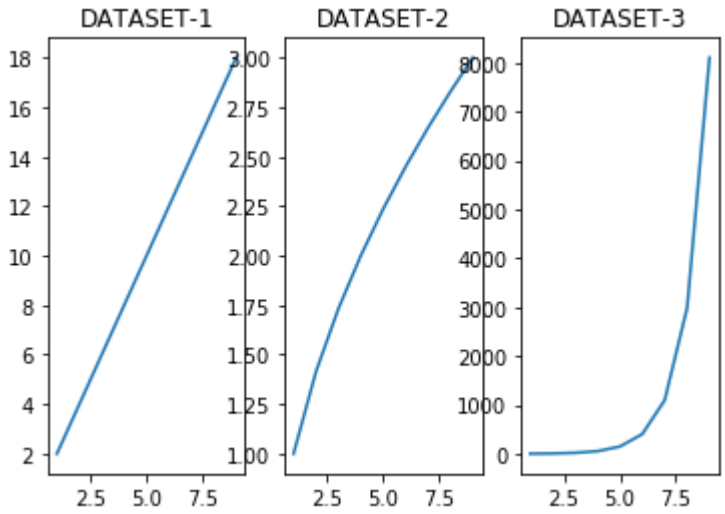
In [14]:
```
data1 = plt.subplot2grid((3,3),(0,0),colspan=2)
data2 = plt.subplot2grid((3,3),(0,2),rowspan=3)
data3 = plt.subplot2grid((3,3),(1,0),colspan=2,rowspan=2)

temp = np.arange(1,10)
data1.plot(temp,temp*2)
data1.set_title("DATASET-1")

data2.plot(temp,np.sqrt(temp))
data2.set_title("DATASET-2")

data3.plot(temp,np.exp(temp))
data3.set_title("DATASET-3")
plt.show()
```



In [ ]:

In [ ]:

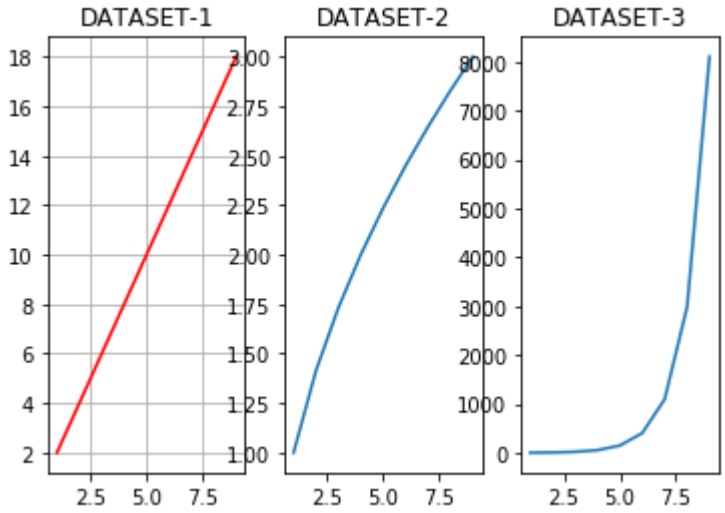
In [17]:
```
# Example

fig,data1 = plt.subplots(1,3)
temp = np.arange(1,10)
data1[0].plot(temp,temp*2)
data1[0].set_title("DATASET-1")

data1[1].plot(temp,np.sqrt(temp))
data1[1].set_title("DATASET-2")

data1[2].plot(temp,np.exp(temp))
data1[2].set_title("DATASET-3")
plt.show()
```



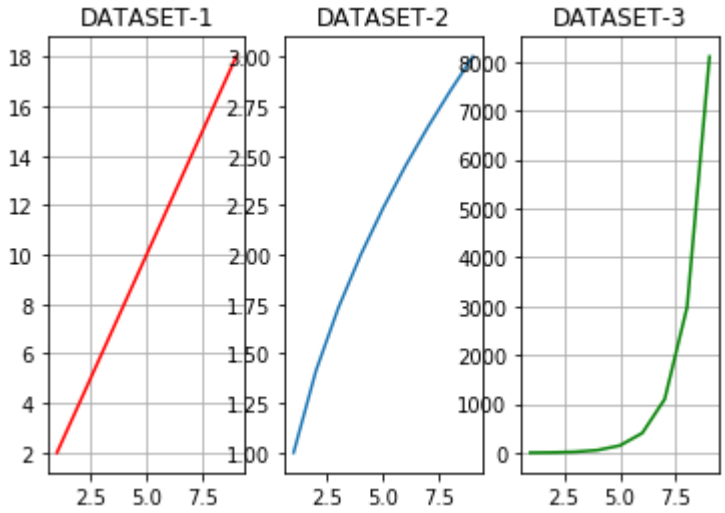
In [ ]:

In [18]:

```
fig,data1 = plt.subplots(1,3)
temp = np.arange(1,10)
data1[0].plot(temp,temp*2,'r')
data1[0].grid(True)
data1[0].set_title("DATASET-1")

data1[1].plot(temp,np.sqrt(temp))
data1[1].set_title("DATASET-2")

data1[2].plot(temp,np.exp(temp))
data1[2].set_title("DATASET-3")
plt.show()
```



In [20]:
```
fig,data1 = plt.subplots(1,3)
temp = np.arange(1,10)
data1[0].plot(temp,temp*2,'r')
data1[0].grid(True)
data1[0].set_title("DATASET-1")

data1[1].plot(temp,np.sqrt(temp))
data1[1].set_title("DATASET-2")

data1[2].plot(temp,np.exp(temp),'g')
data1[2].grid(True)
data1[2].set_title("DATASET-3")
plt.show()
```



In [25]:
```
fig,data1 = plt.subplots(1,3, figsize=(14,3))
temp = np.arange(1,10)
data1[0].plot(temp,temp*2,'r')
data1[0].grid(True)
data1[0].set_title("DATASET-1")

data1[1].plot(temp,np.sqrt(temp))
data1[1].set_title("DATASET-2")

data1[2].plot(temp,np.exp(temp),'g')
data1[2].grid(True)
data1[2].set_title("DATASET-3")
plt.show()
```