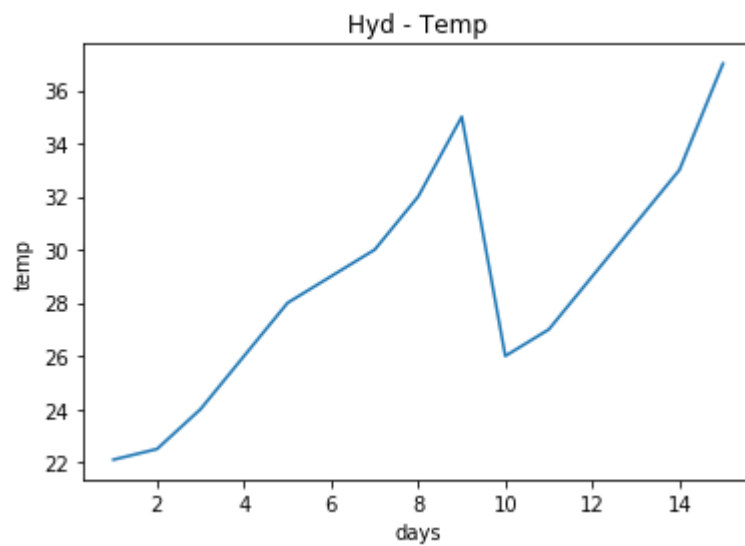


```
In [1]: import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
```

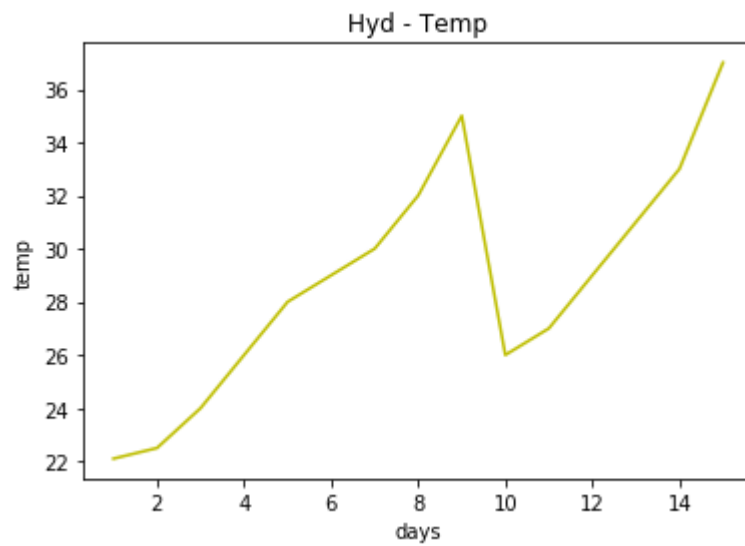
```
In [2]: # dataset
days = [1,2,3,4,5,6,7,8,9,10,11,12,13,14,15]
temp = [22.1,22.5,24,26,28,29,30,32,35,26,27,29,31,33,37]
```

```
In [3]: plt.plot(days,temp)
plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.show()
```

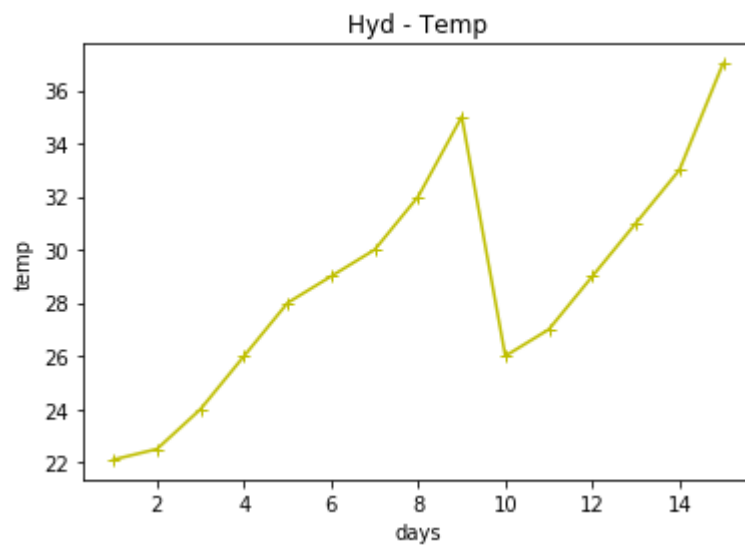


```
In [ ]:
```

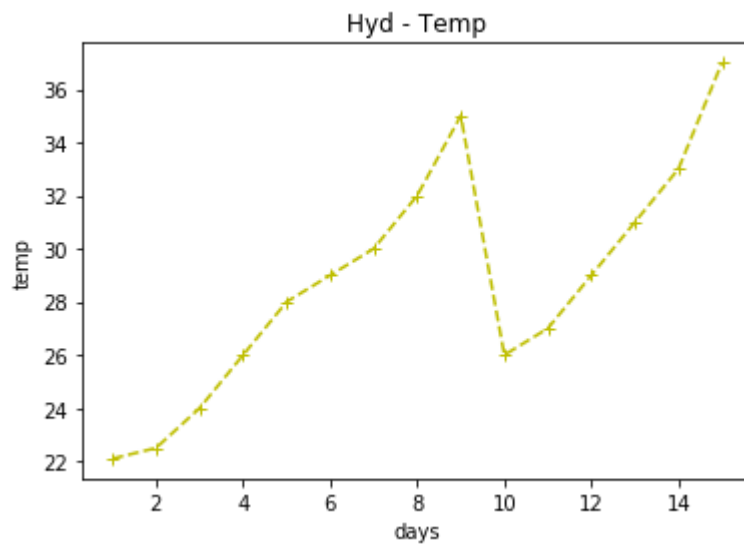
```
In [4]: plt.plot(days,temp,color='y')
plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.show()
```



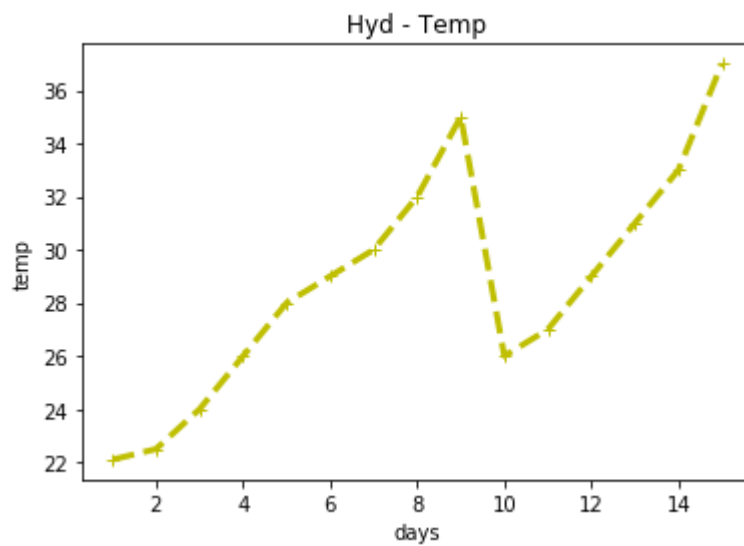
```
In [9]: plt.plot(days,temp,color='y',marker='+')
plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.show()
```



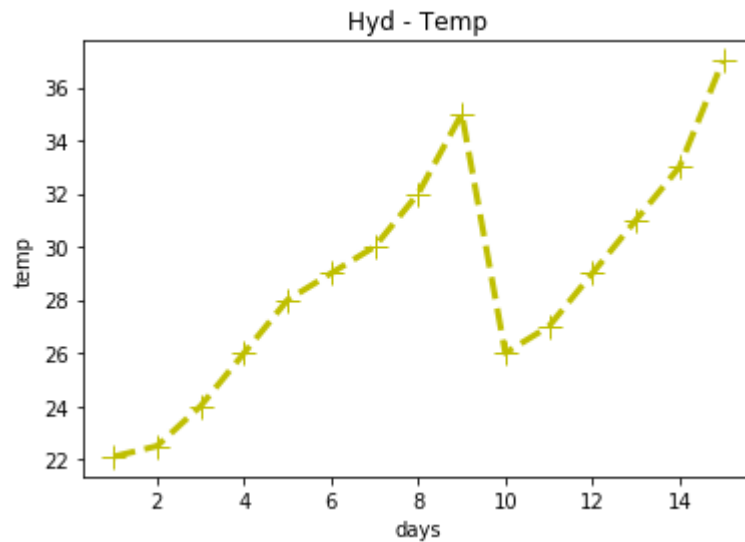
```
In [10]: plt.plot(days,temp,color='y',marker='+',linestyle='--')
plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.show()
```



```
In [13]: plt.plot(days,temp,color='y',marker='+',linestyle='--',linewidth=3)
plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.show()
```



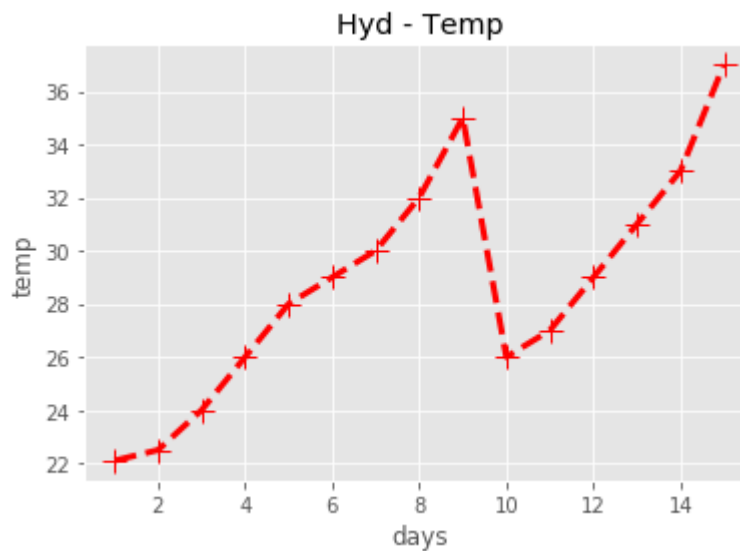
```
In [16]: plt.plot(days,temp,color='y',marker='+',linestyle='--',
                linewidth=3,markersize=12)
plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.show()
```



In []:

```
In [17]: from matplotlib import style
```

```
In [18]: style.use('ggplot')
plt.plot(days,temp,color='r',marker='+',linestyle='--',
                linewidth=3,markersize=12)
plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.show()
```



In []:

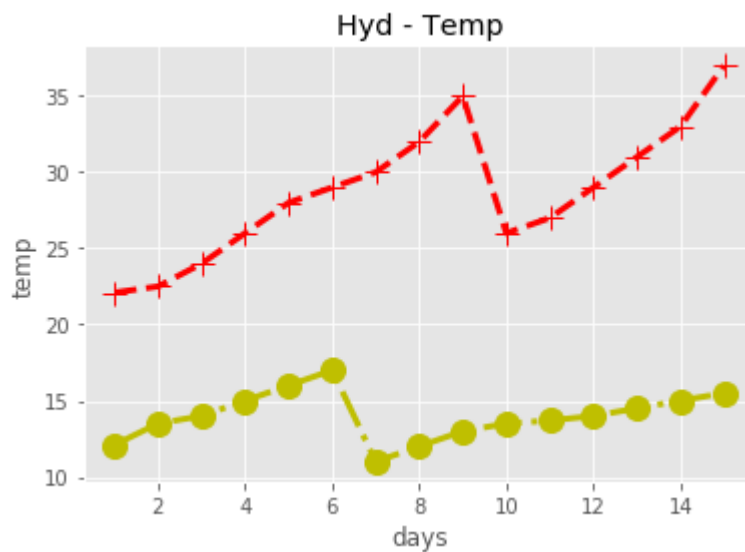
In []:

In []:

```
In [21]: # dataset
days = [1,2,3,4,5,6,7,8,9,10,11,12,13,14,15]
city1 = [22.1,22.5,24,26,28,29,30,32,35,26,27,29,31,33,37]
city2 = [12.1,13.5,14,15,16,17,11,12,13,13.5,13.7,14,14.5,15,15.5]
```

```
In [22]: style.use('ggplot')
plt.plot(days,city1,color='r',marker='+',linestyle='--',
         linewidth=3,markersize=12)
plt.plot(days,city2,color='y',marker='o',linestyle='-.',
         linewidth=3,markersize=12)

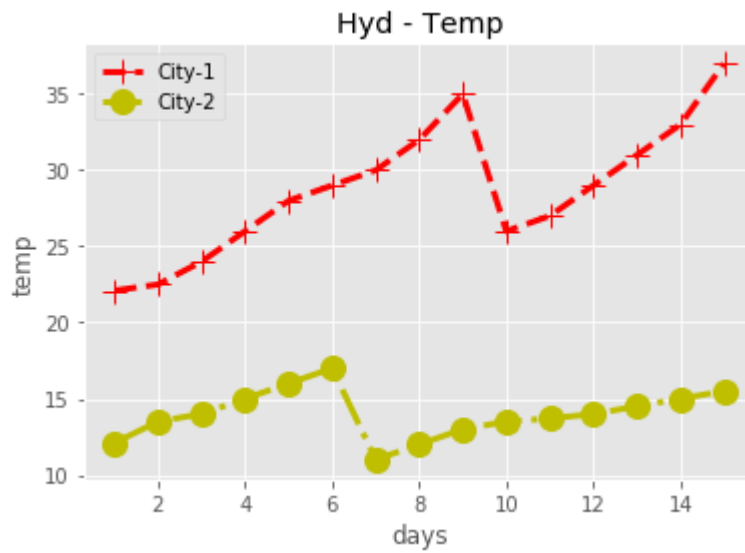
plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.show()
```



In []:

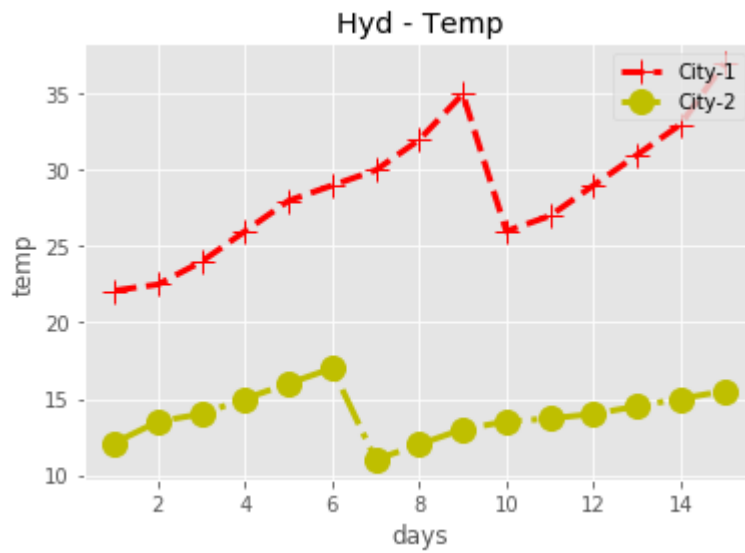
```
In [26]: style.use('ggplot')
plt.plot(days,city1,color='r',marker='+',linestyle='--',
         linewidth=3,markersize=12,label="City-1")
plt.plot(days,city2,color='y',marker='o',linestyle='-.',
         linewidth=3,markersize=12,label="City-2")

plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.legend()
plt.show()
```



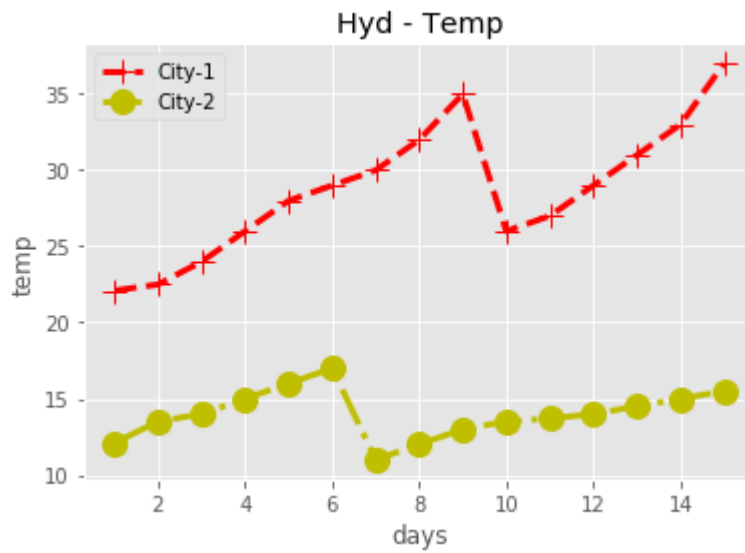
```
In [27]: style.use('ggplot')
plt.plot(days,city1,color='r',marker='+',linestyle='--',
         linewidth=3,markersize=12,label="City-1")
plt.plot(days,city2,color='y',marker='o',linestyle='-.',
         linewidth=3,markersize=12,label="City-2")

plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.legend(loc=1)
plt.show()
```



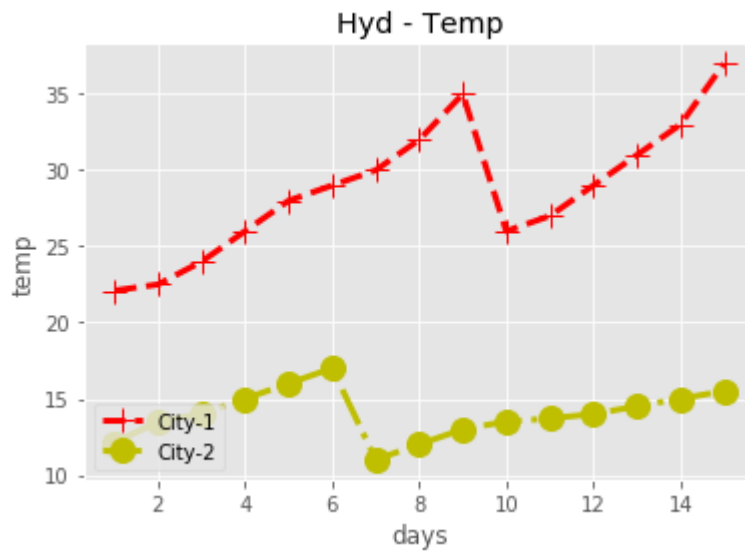
```
In [28]: style.use('ggplot')
plt.plot(days,city1,color='r',marker='+',linestyle='--',
         linewidth=3,markersize=12,label="City-1")
plt.plot(days,city2,color='y',marker='o',linestyle='-.',
         linewidth=3,markersize=12,label="City-2")

plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.legend(loc=2)
plt.show()
```



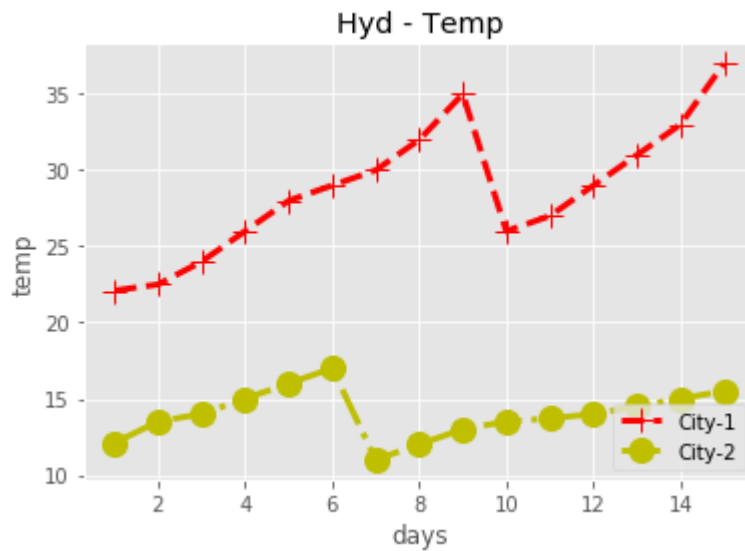

```
In [29]: style.use('ggplot')
plt.plot(days,city1,color='r',marker='+',linestyle='--',
         linewidth=3,markersize=12,label="City-1")
plt.plot(days,city2,color='y',marker='o',linestyle='-.',
         linewidth=3,markersize=12,label="City-2")

plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.legend(loc=3)
plt.show()
```



```
In [30]: style.use('ggplot')
plt.plot(days,city1,color='r',marker='+',linestyle='--',
         linewidth=3,markersize=12,label="City-1")
plt.plot(days,city2,color='y',marker='o',linestyle='-.',
         linewidth=3,markersize=12,label="City-2")

plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.legend(loc=4)
plt.show()
```



In []:

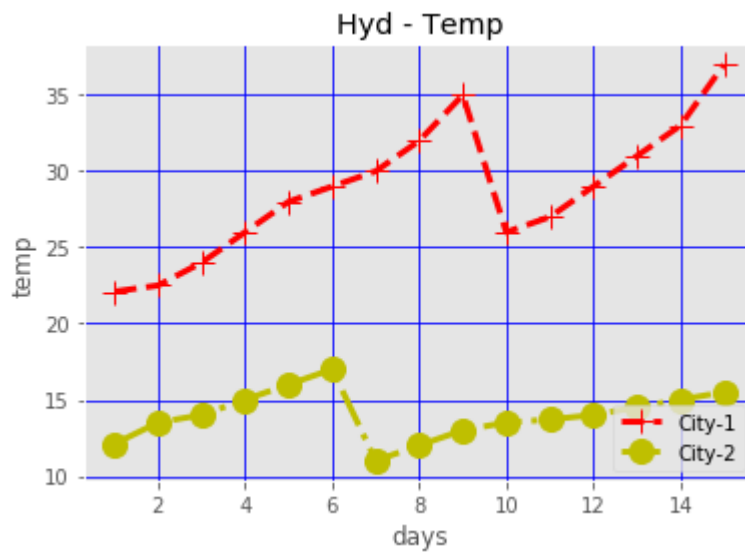
In []:

```

In [31]: style.use('ggplot')
plt.plot(days,city1,color='r',marker='+',linestyle='--',
         linewidth=3,markersize=12,label="City-1")
plt.plot(days,city2,color='y',marker='o',linestyle='-.',
         linewidth=3,markersize=12,label="City-2")

plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.legend(loc=4)
plt.grid(color='b')
plt.show()

```

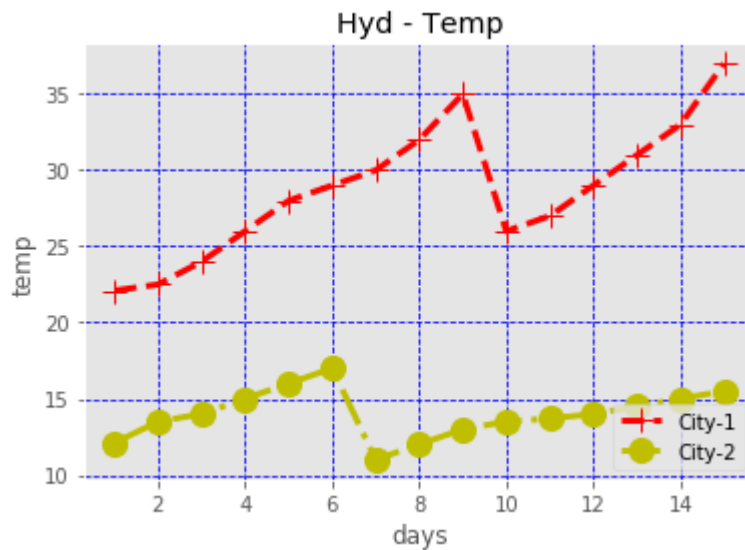


```

In [33]: style.use('ggplot')
plt.plot(days,city1,color='r',marker='+',linestyle='--',
         linewidth=3,markersize=12,label="City-1")
plt.plot(days,city2,color='y',marker='o',linestyle='-.',
         linewidth=3,markersize=12,label="City-2")

plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.legend(loc=4)
plt.grid(color='b',linestyle="--")
plt.show()

```



```

In [37]: style.use('ggplot')
plt.plot(days,city1,color='r',marker='+',linestyle='--',
         linewidth=3,markersize=12,label="City-1")
plt.plot(days,city2,color='y',marker='o',linestyle='-.',
         linewidth=3,markersize=12,label="City-2")

plt.title("Hyd - Temp")
plt.xlabel("days")
plt.ylabel("temp")
plt.legend(loc=2)
plt.grid(color='b',linestyle="--",linewidth=2)
plt.show()

```

