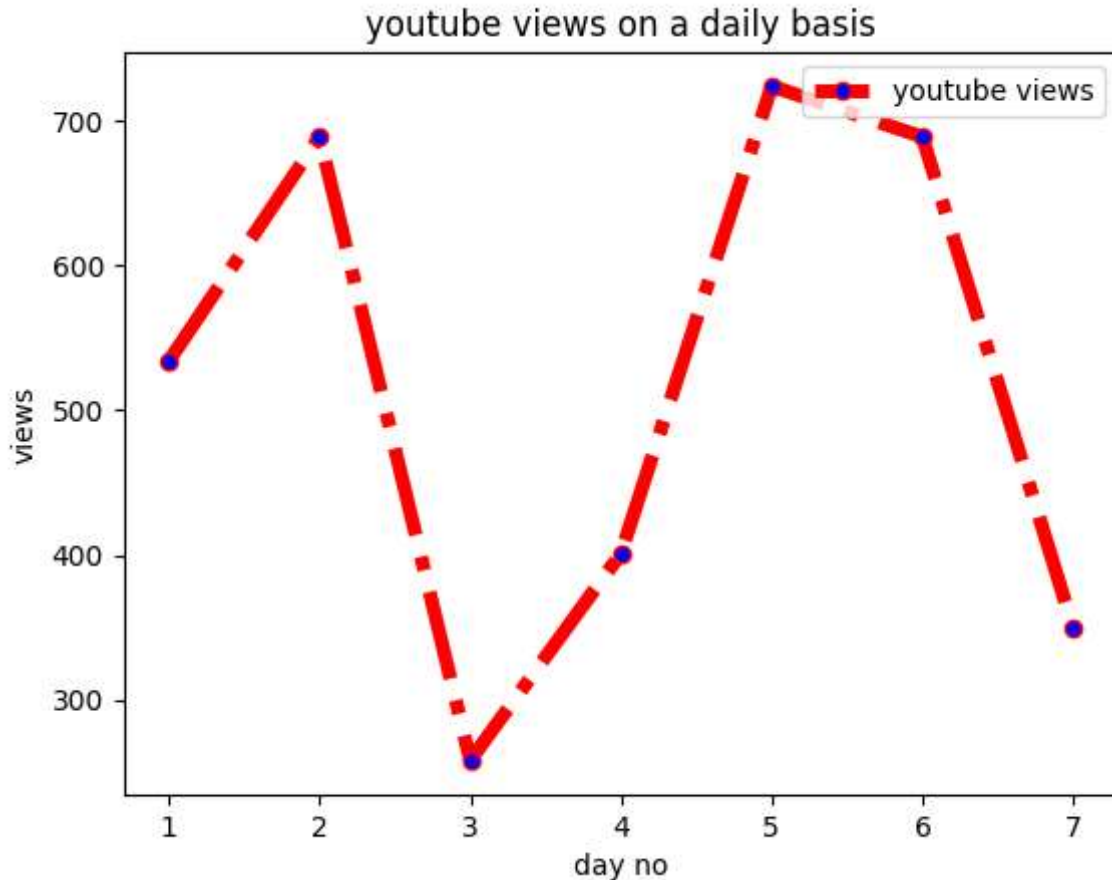


```
In [27]: import matplotlib.pyplot as plt
views=[534,689,258,401,724,689,350]
days=range(1,8)

plt.plot(days,views,label='youtube views',color='r',marker='o',markerfacecolor='b',
plt.xlabel('day no')
plt.ylabel('views')
plt.legend(loc='upper right')
plt.title('youtube views on a daily basis')
plt.show()
```

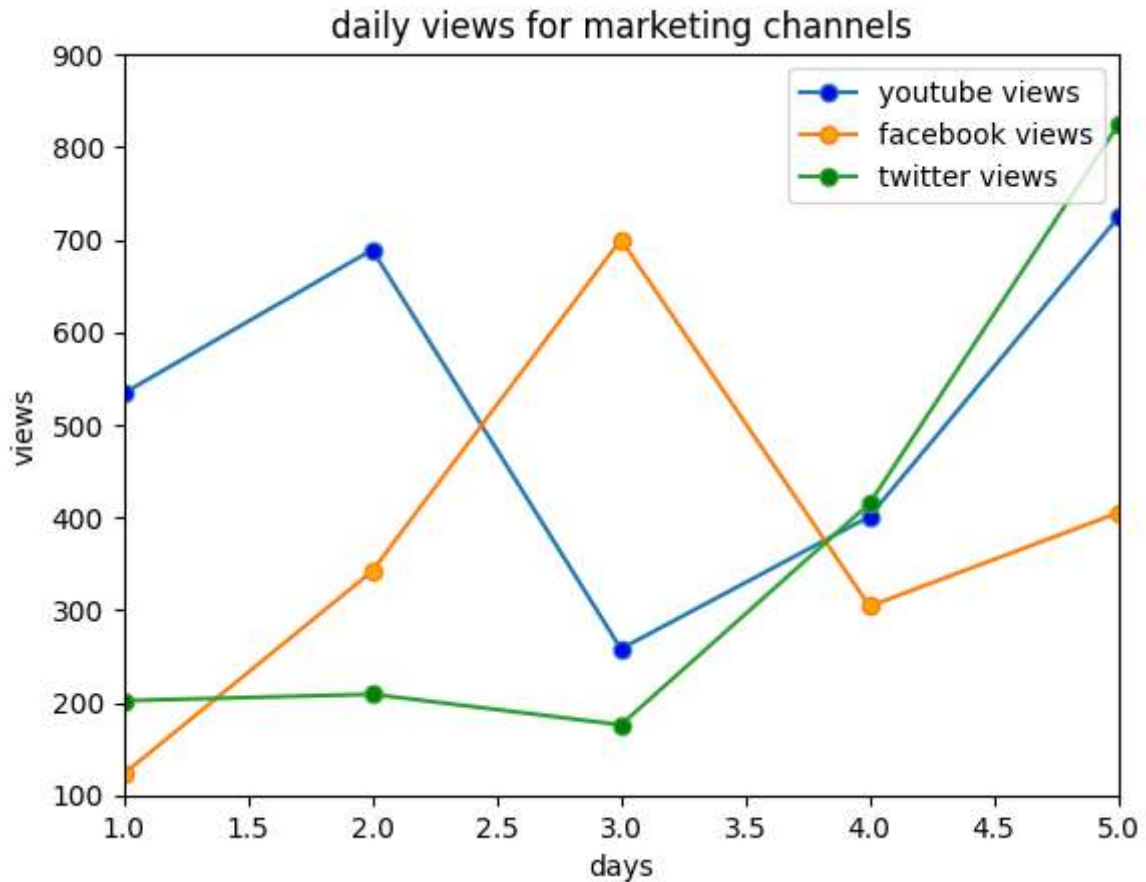


```
In [32]: import matplotlib.pyplot as plt
you_views=[534,689,258,401,724,689,350]
face_views=[123,342,700,304,405,650,325]
t_views=[202,209,176,415,824,389,550]
days=range(1,8)

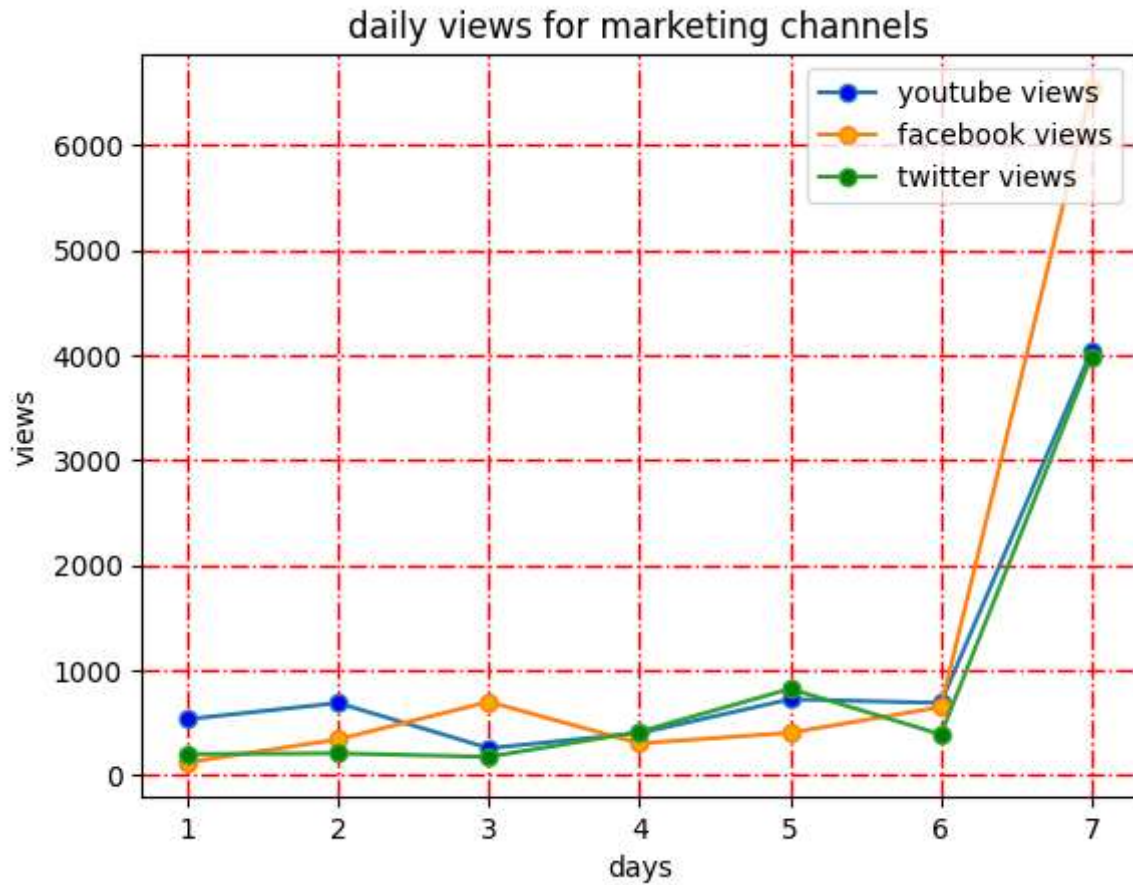
plt.plot(days,you_views,label='youtube views',marker='o',markerfacecolor='b')
plt.plot(days,face_views,label='facebook views',marker='o',markerfacecolor='orange')
plt.plot(days,t_views,label='twitter views',marker='o',markerfacecolor='g')

plt.xlabel('days')
plt.ylabel('views')
plt.legend(loc='upper right')
plt.xlim(1,5)
plt.ylim(100,900)
```

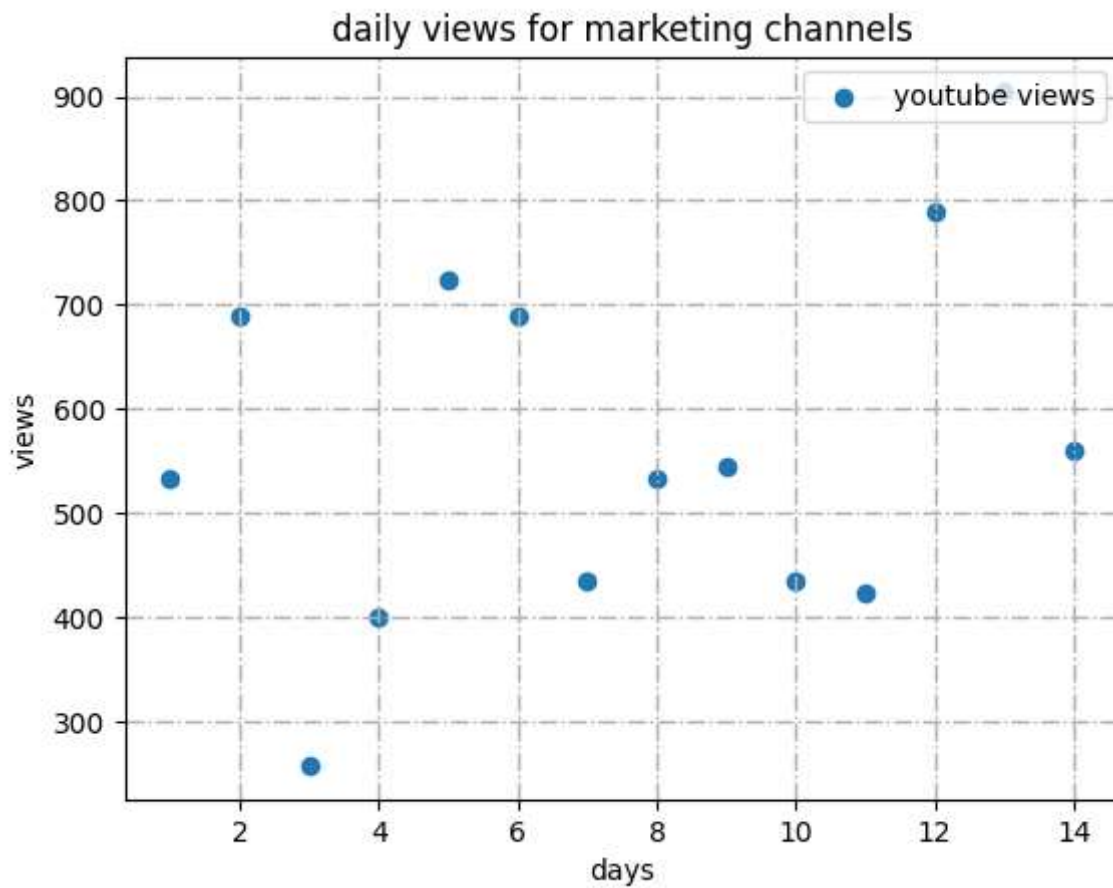
```
plt.title("daily views for marketing channels")  
plt.show()
```



```
In [40]: import matplotlib.pyplot as plt  
you_views=[534,689,258,401,724,689,4045]  
face_views=[123,342,700,304,405,650,6543]  
t_views=[202,209,176,415,824,389,3987]  
days=range(1,8)  
  
plt.plot(days,you_views,label='youtube views',marker='o',markerfacecolor='b')  
plt.plot(days,face_views,label='facebook views',marker='o',markerfacecolor='orange')  
plt.plot(days,t_views,label='twitter views',marker='o',markerfacecolor='g')  
  
plt.xlabel('days')  
plt.ylabel('views')  
plt.legend(loc='upper right')  
plt.grid(True,linewidth=1,color='r',linestyle='-.')  
plt.title("daily views for marketing channels")  
plt.show()
```

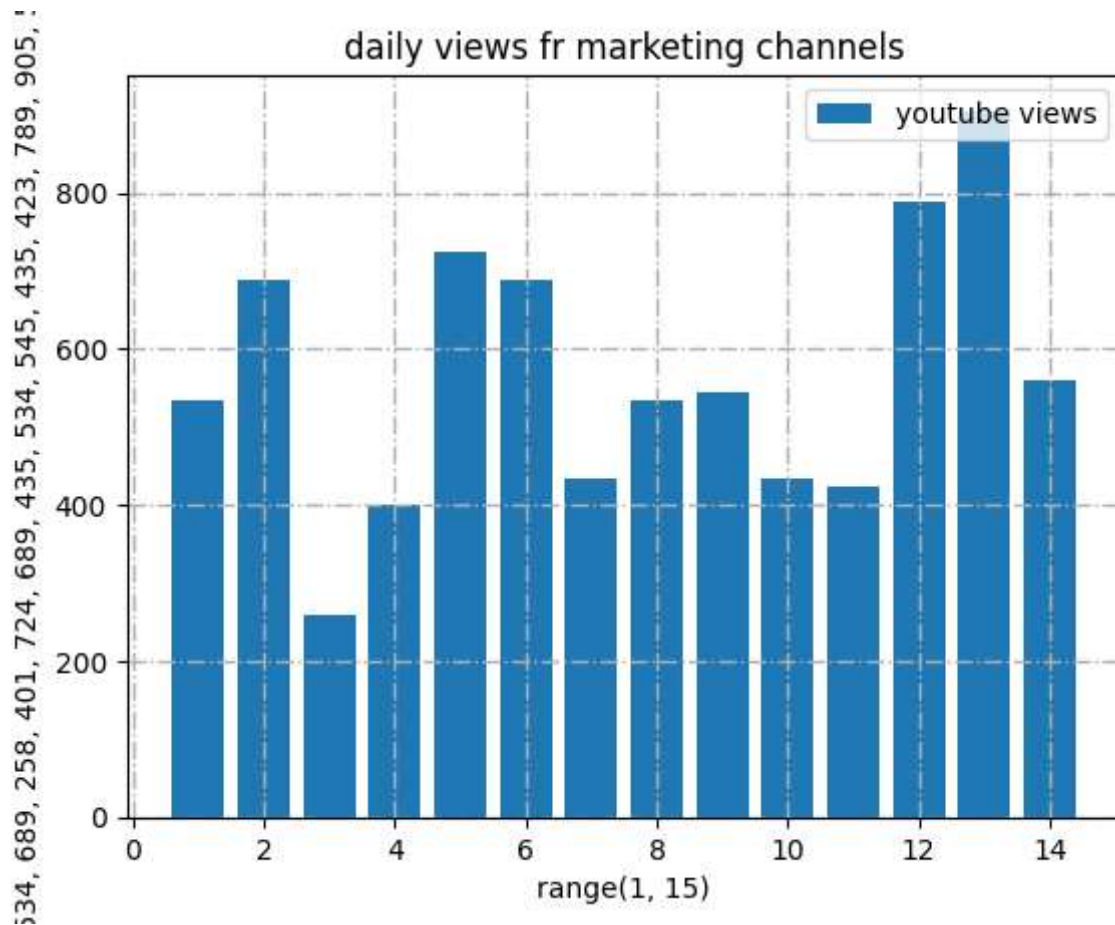


```
In [47]: #scatter plot using matplotlib
views=[534,689,258,401,724,689,435,534,545,435,423,789,905,561]
days=range(1,15)
plt.scatter(days,views,label='youtube views')
plt.xlabel('days')
plt.ylabel('views')
plt.legend(loc='upper right')
plt.grid(True,linewidth=1,linestyle="-.")
plt.title("daily views for marketing channels")
plt.show()
```



```
In [52]: #bar chart using matplotlib
views=[534,689,258,401,724,689,435,534,545,435,423,789,905,561]
days=range(1,15)
plt.bar(days,views,label="youtube views")

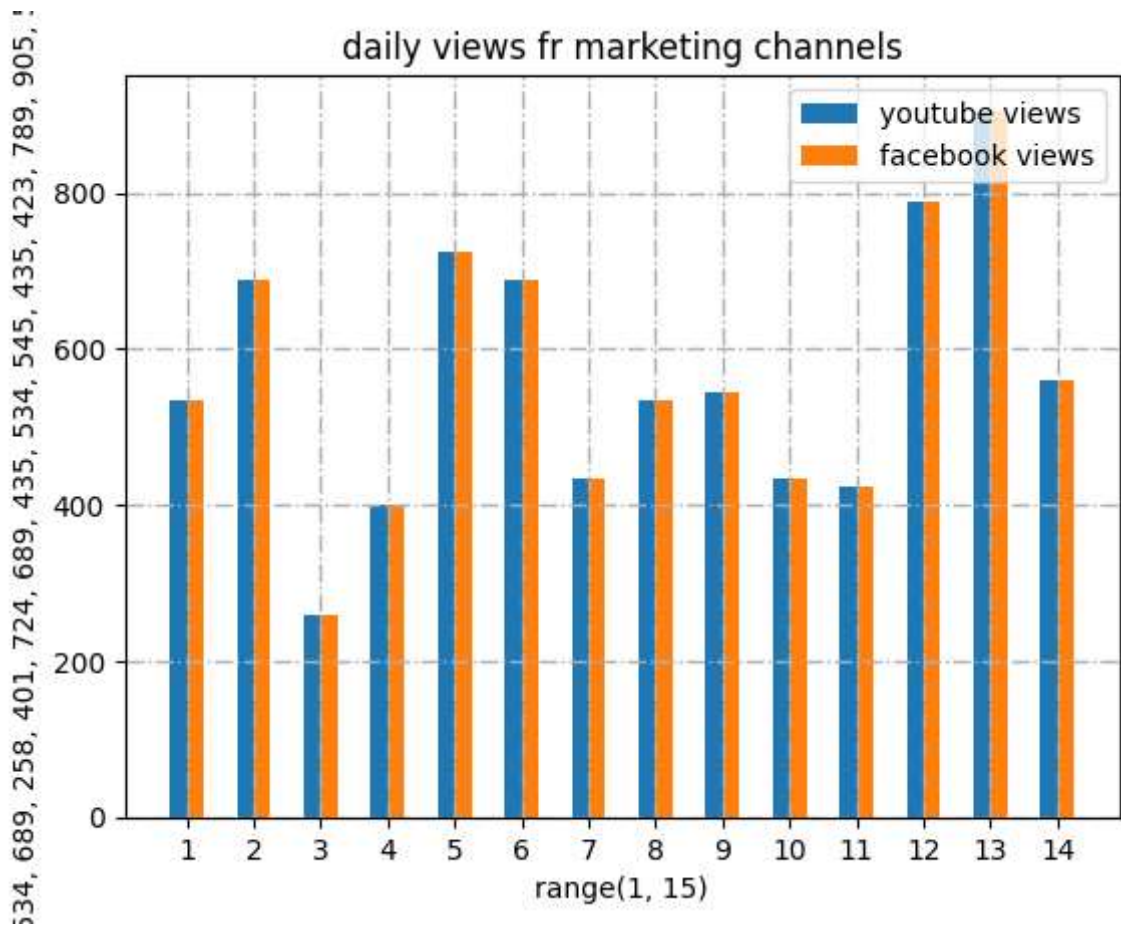
plt.xlabel(days)
plt.ylabel(views)
plt.legend(loc="upper right")
plt.grid(True,linewidth=1,linestyle='-.')
plt.title('daily views fr marketing channels')
plt.show()
```



```
In [59]: #different data in bar chart
#bar chart using matplotlib
yviews=[534,689,258,401,724,689,435,534,545,435,423,789,905,561]
fviews=[534,689,258,401,724,689,435,534,545,435,423,789,905,561]
days=range(1,15)

plt.bar([a-0.25 for a in days],yviews,width=0.25,label="youtube views",align='edge')
plt.bar([a+0.25 for a in days],fviews,width=-0.25,label="facebook views",align='edge')

plt.xlabel(days)
plt.ylabel('views')
plt.legend(loc="upper right")
plt.grid(True,linewidth=1,linestyle='-.')
plt.xticks(days)
plt.title('daily views fr marketing channels')
plt.show()
```



```
In [ ]:
```