С→

```
import numpy as np
import matplotlib.pyplot as plt
from scipy.stats import norm
def subplotting():
  x = np.arange(0,11,1)
  y = norm.pdf(x,5,1)
  mean = np.arange(0,11)
  plt.scatter(x,y)
  plt.title('Gaussian distribution 10 sample points',fontweight = 'bold')
  figure,axs = plt.subplots(6,2,figsize=(15,15))
 # plt.suptitle('likelihood function for mean(0-10) ',fontweight = 'bold')
  for i in range(len(mean)):
   y_hood = norm.pdf(x,mean[i],1)
   if i<6:
      axs[i,0].set_title('mean ='+ str(i))
      axs[i,0].scatter(x,y)
      axs[i,0].plot(x,y_hood)
   else:
      axs[i-6,1].set title('mean ='+ str(i))
      axs[i-6,1].scatter(x,y)
      axs[i-6,1].plot(x,y_hood)
   plt.tight_layout(pad=4)
subplotting()
```

https://colab.research.google.com/drive/1g8lujKGLQG15Ne4gklNae-mzHY8O8ln5#scrollTo=Mliuin21WGFb&printMode=true

