What's Matplot lib: powerful visualization lib in python that allow you to create a wide range plots and charts. and alot of that

from matplotlib import pyplot as plt
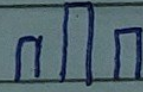
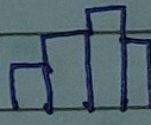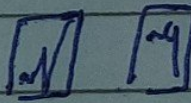| normal line : plt.plot ∿	Saving as png
scatter plot : pt. scatter ∵	plt.savefig ("when")
Bar plot : plt. bar ⊓∏⊓	
Histogram : plt. hist ⊓∏∏	
subplot : maityable plot [∿] [~4]	
pie : plt. pie ⊕	

for chats information :

. x label (" X ") // .Ylabel (" Y "

. title (' the name to add as title   ")

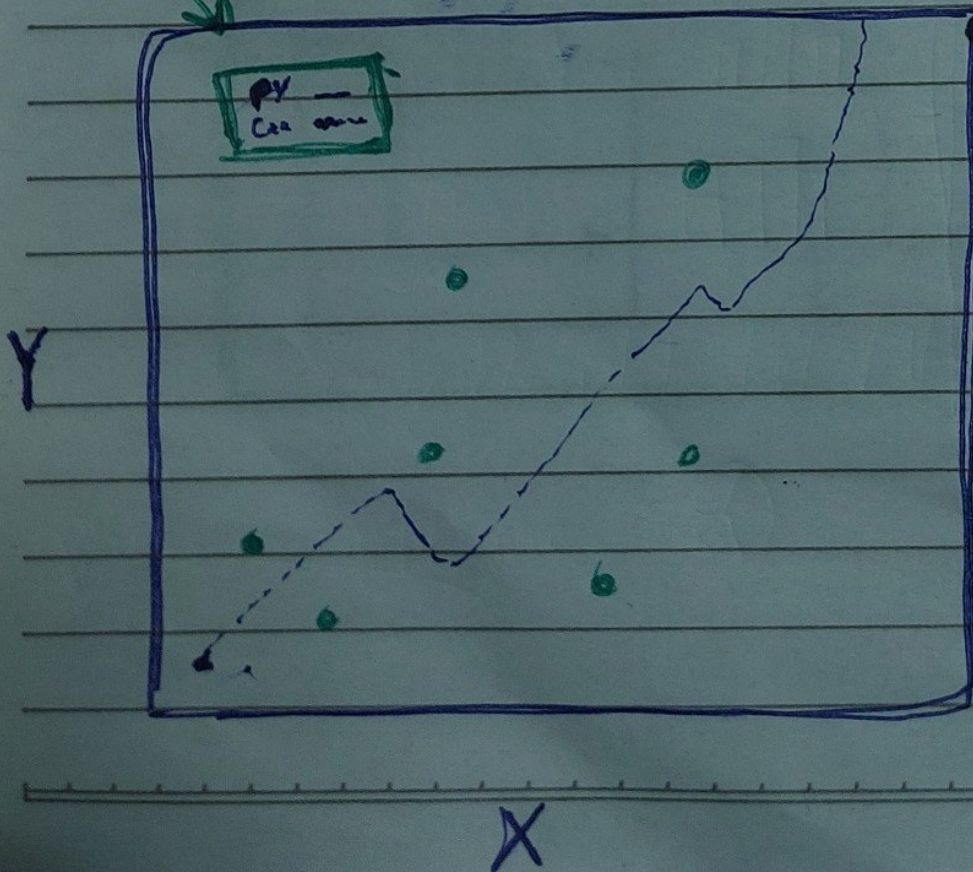. legend ( ) / Color = 'FFFFF' ← the color of plot

. linewidth = 'int' ← thickness of shape

. grid → يظهر خطوط   line style = ' -- '

Title   you got
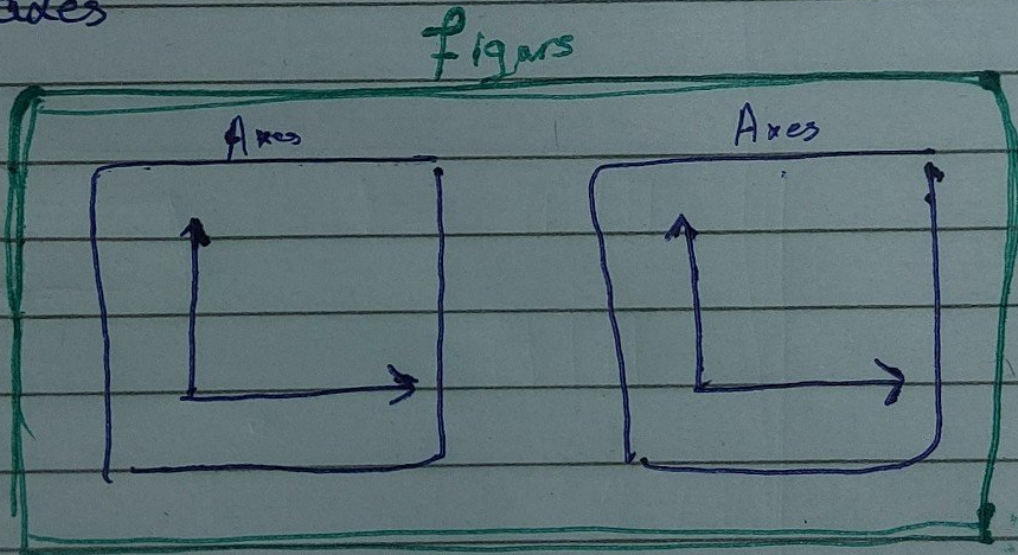   alot of that

Y

X

figures   vs   axes

the figure is the whole window which the plot made, meanwhile the axes is where the plot is plotted and used.

— figures

— axes

Figurs

Axes   Axes

this was new Topic for me and damn it was good...