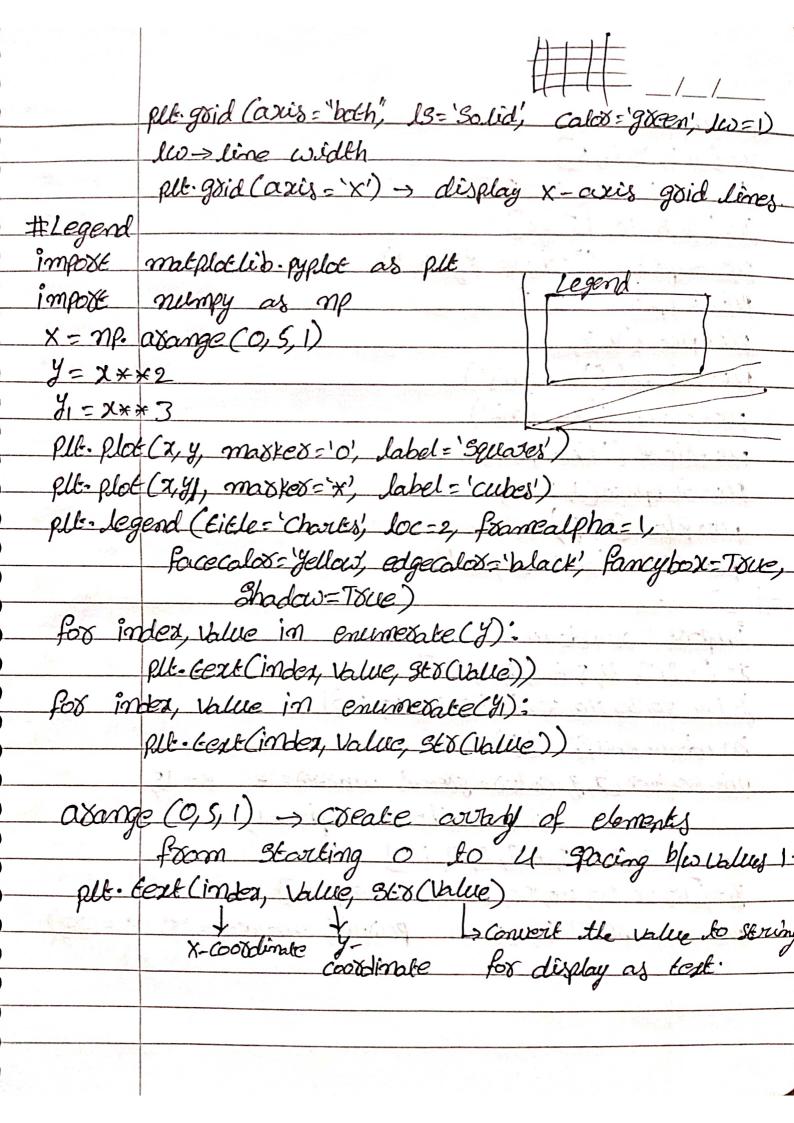
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It subplaces x=[1,2,3,4,5] y=[20,10,30,40,50] gi=[5, 8, 10, 15, 20] Plt. Suptitle ("whale figure") Plt. supplot (1,2,1) Plt. Plot (x,y) Plt. x label ('x-axis') elt-ylabel ('y-axis') Plt. title ('fixst plot') Plt. Subplat (1,2,2) ple-ploe (21, y1) plt-title ('second plat') # Scatter impost bandom X=[1,2,3, 4,5,6,7,8,9,10] J. C10, 29,39 40,50,69,70,89,90,100) Janobm. ghuffle(y) plt-Scatter (2, y, calox = green', moster= x', 5=15, linearidth=10, alpha=1) x1 = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10] 41=[10, 20, 30, 40, 50, 60, 70, 80, 90, 100] plt. Stabled(X1, y1, color= purple, morker= 5, 3=100)

It Scatter calor with each point x=[10, 20, 30, 40, 50] y=[2,10, 40,50,100] caloos = [25, 35, 45, 55, 65] S1305= [11, 22, 33, 44,55] plt. Scatter (x, y, c= calors, s= sizes, comp= vioides) plt. calosbasco # Hiscogram marks = [90, 60, 50, 40, 30, 20,80] grade interials= (0,35,70,100) f.lb. title ('Stildent goode') plt. hist (marks, good intervals, histeype = 'stepfilled', Kuidth= 0.7, facecalos='goesi') Plt. 24icks ([0,35,70,100]) # bax a=[a', b, c', d'] b=[20, 30, 40,50] # C= ["bed", "blue", "gogen", "black"] pll. box (a, b, width=0.3, color="green", ec="black") # plt. Dat (a, b width=0-3, color=c, ec="black"). Plt. xlabel ('a values') Plt. Ylabel ('b Values') for index, value in enumerate (b): Plt-test (index, value, sto (value))

X=['2019' 12020' 12021' 12022', 12023'] J=[200, 300, 500, 150, 900] C-C'blue' oxange, 'gellow' red' green' flt-bas (x, y, Colors C, width = 0.7) plt. plabel ("Years") plt. Glabel ("placements") for inter, value in enumerable (y): Plt. test (index, Value, gex (Value)) # Stacked has X = ['CSE', 'ATMC', 'DS', 'CST] boys=[50, 40, 60, 70] gixls=[50, 60, 40, 30] others=[10, 20, 30, 40] plt. bas (2, boys, width= 0.4, calos= 'Sed', label= 'boys') plt-bas (2, gists, width=0-4, bottom=boys, calor=green, label='gex18') plt. ban (2, others, width=0.4 bottom=np. add (boys, girls), plt. plabel (" course") plt-ylabel ("34ldents") plt. Eitle (" stildent vs course") plt-legend()

Pie chart Student reoformance - L'excellent, god, averge; poos] Student Values = [30,60,80,100] Plt-figure (figsize= (8,10)) plt. Pie Catudent values, labels = Student Performance, Starlangle=90, explode=[0.2,0.2,0,0], Shadow-Toue, colors = C'red, green, blue, yellow] autopet= 1.2-16.1.1) Pll. legard (Eitle: Performances) impose pandas as Pd impose numby as no import matplotleb. Pyplot as plt df = Pd. xad_csv ('child Laboux in India.csv') of [Category] = of [Category of Scates']. Seplace (C'Non special Category states, "Secial Calegory States], (Non Special', 'Special') df['Category'] of Category] == 'Special' df[df['Categgy']=='Special'] Special=len (df[df[(alogory'] == 'special') non-special=len (df[df['Categgyj]=='Non special'] non-special

If Pexcentage of special, non special and All india Under Calegory of States. special = len (df[df[cabegory]] == Special]) non special-len (df[df['categyy'] == Non special']) All india = len (df[df[categoy'] == 'All India']). Sizes = [Special, non special, All-india] labels = 'special, 'non special,' All india! Colors = ['Styplue', 'Jellow', 'green'] explod = (0.2, 0, 0-3) plt. Pie (Sizes, labels = labels, colors = colors, explode = explode, autofict = 1/1.191.1/2, Shadav=Taie plb. Little ('pexcentage of special, non special, All india under category of States') df['Manufacturing'] = df['Manufacturing']. Seplace ('9.9', '9-9')
df['Manufacturing'] = df['Manufacturing']. astype ('Float') # Stocked box chart of child lobour employee.

across various states. Fig, ax = plt. subploes (figsize = (17,8)) ax. mx (df ('States'), df ('Agriculture'), calor='xd' label- 'Agriculture') ax. box (df['States'], df['Manufactusing)] bottom= df (Agricultusei), colos='green! label = Manefacturing')

ax. bas (dfl'States), dfl'Constauction), bottom (= df ['Agricultuse'] +df['Manufactusingi] Calot = blue; label = Construction) ax bas (dft'states'), dft Toade Hotels & Restaurants'), bottom=df['Agricultuse']+df['Manufacturing[]+ dfl'Constauction'), color = 7777, label='Toade Hotels & Restausants') ax.bar (df ['States'), df t'others']; bottom = dft 'Agricultuse') + dft 'Manufactusingi) + df (Consexuction) + df [+ rade Hotels & Restaurants] Colors fink, label = 'chess') alt. legend (bbox-to-anchor=(0, 11., -102), loc=1, ncal=3, made= "expand", bandesatesfad=0.5) pll-x Eicks (Xocation=90) plt. ylim (0, 110) Description of the second seco and the second s The state of the s a man in later than the later than the second the said season of the said season season seasons and the second s The same and the s