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In [1]: #name-Siddharth.V.Barhate      Batch-B1
#Practice no=4 Draw Line of linear regression using python
#Roll No=05      Date=21-08-2024

import matplotlib.pyplot as plt
from scipy import stats

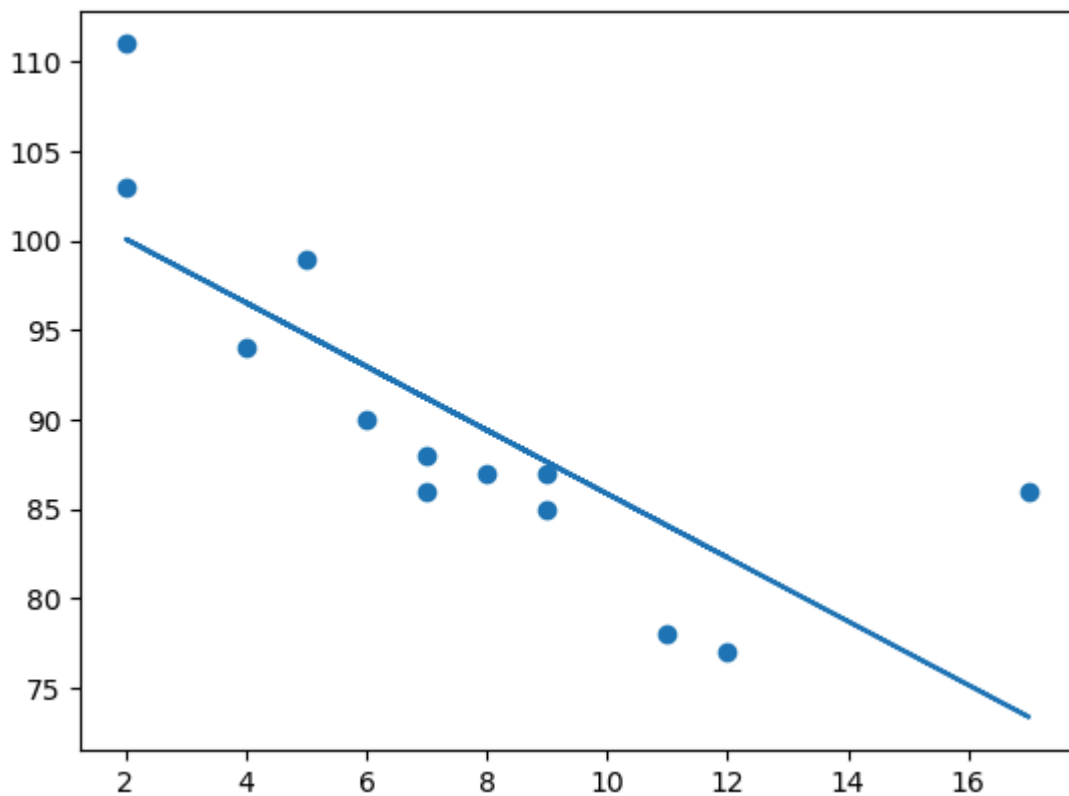
x=[5,7,8,7,2,17,2,9,4,11,12,9,6]
y=[99,86,87,88,111,86,103,87,94,78,77,85,90]

slope,interect,r,p,st_err=stats.linregress(x,y)

def myfunc(x):
    return slope *x+interect

mymodel=list(map(myfunc,x))

plt.scatter(x,y)
plt.plot(x,mymodel)
plt.show()
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In []: