main():

I will initialize the variables I will use first. get the values x\_start, iterations, learning\_rate, original\_plt.

target\_func():

Define the f(x) of the topic : 1 - each\*math.exp(-each),and return all ys as results.

d\_target\_func():

Define the First Derivative of topic f(x)

gradient\_descent()

Do the gradient descent

loss = y - y hat

gradient = -2 \* input \* loss

new weight = weight - (learning rate \* gradient)

create\_plt()

print the results and min points