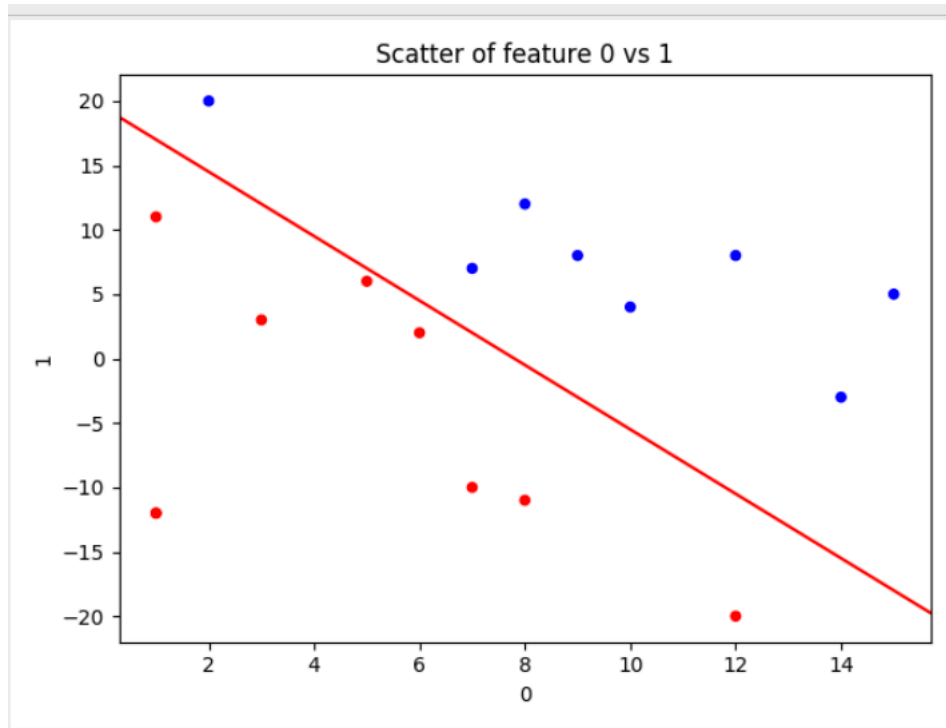


1,Perceptron

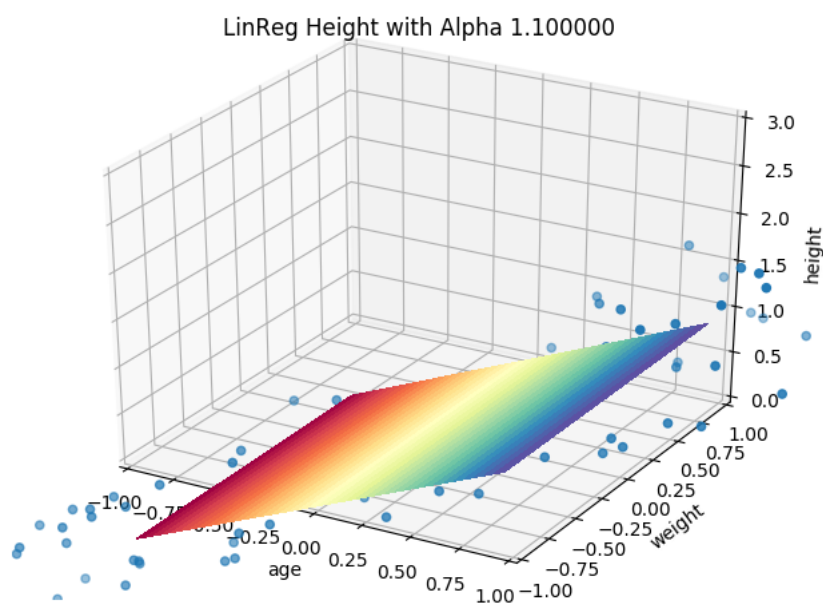
Last weights: -5,-2,39



2,Linear regression

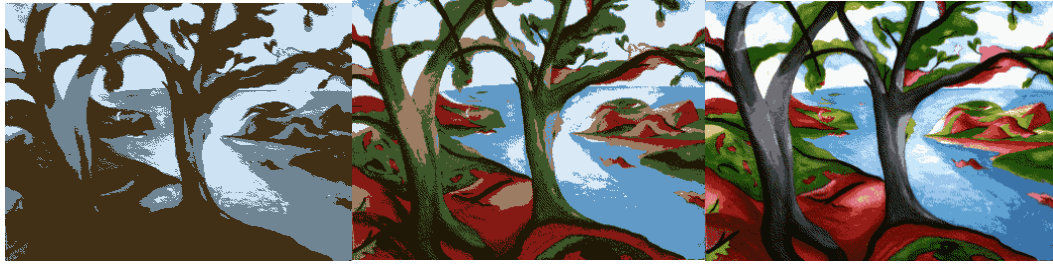
alphas = [0.001, 0.005, 0.01, 0.05, 0.1, 0.5, 1, 5, 10, 1.1]

last alpha's iteration:120



3,K-means clustering

k_values=[3,6,20]



K=3

k=6

k=20