

Answers

Input : linear_regression('sample_data1.txt', 1, 0)

Output:

W0 = 0.8171

W1 = -1.6794

W2 = 0

Input : linear_regression('sample_data1.txt', 1, 0.01)

Output:

W0 = 0.8099

W1 = -1.6625

W2 = 0

Input : linear_regression('sample_data1.txt', 2, 0)

Output:

W0 = 0.0991

W1 = 4.0050

W2 = -7.1055

Input : linear_regression('sample_data1.txt', 2, 0.01)

Output:

W0 = 0.2531

W1 = 2.8345

W2 = -5.6713