1a: X[100][3], Y[100][1]

1d: gz = .9 when z = 2.24

1e: cost = 1.12692801

1f: final theta: [0.00625781 0.72544 0.70270737]

cost with final theta: 0.0

A graph with red and blue dots

Description automatically generated

The shape of my line seems to be right but it misses the data set, I’m not sure what causes this problem but I will make sure to get clarification in office hours at some point.

As a result of my inability to figure out this issue I did not feel I could complete 1h, or 1i

2a: theta = [ 2.19256629e-01 -7.75886157e-04 1.06170508e-05]