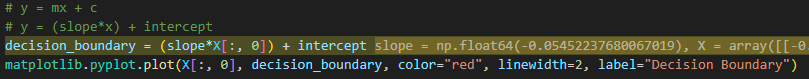
1. # id:25--50—25
   1. Question A
      1. I did X[y==1] and X[y==-1] to separate the positive and negative values from the dataI used matplotlib.pyplot to scatter the positive and negative valuesA green and blue dots

         AI-generated content may be incorrect.
      2. Using sklearn I created a logisticRegression model for the data and printed the Intercept, X1 coefficient and X2 coefficientA black background with white numbers

         AI-generated content may be incorrect. . The X2 coefficient is significantly more impactful than the X1 coefficiend
      3. By recreating y=mx+c using the parameters of the regression model I was able to create the decision\_boundary and plot it on the graph in redA screen shot of a computer screen

         AI-generated content may be incorrect.This perfectly aligns with the pre-existing color seperations so I know that I have aligned it properly