Work flow of the Logistic Regression model:

Step 1: Set Learning Rate & Number of Iterations; Initiate Random weight and bias value.

Step 2: Build Linear Regression Equation. (Sigmoid function)

Step 3: Update the parameter values using Gradient Descent. (new weight & bias value)

Finally, we will get the best model (best weight and bias value) as it has minimum cost function.

Step 4: build the “predict” function to determine the class of the data point