

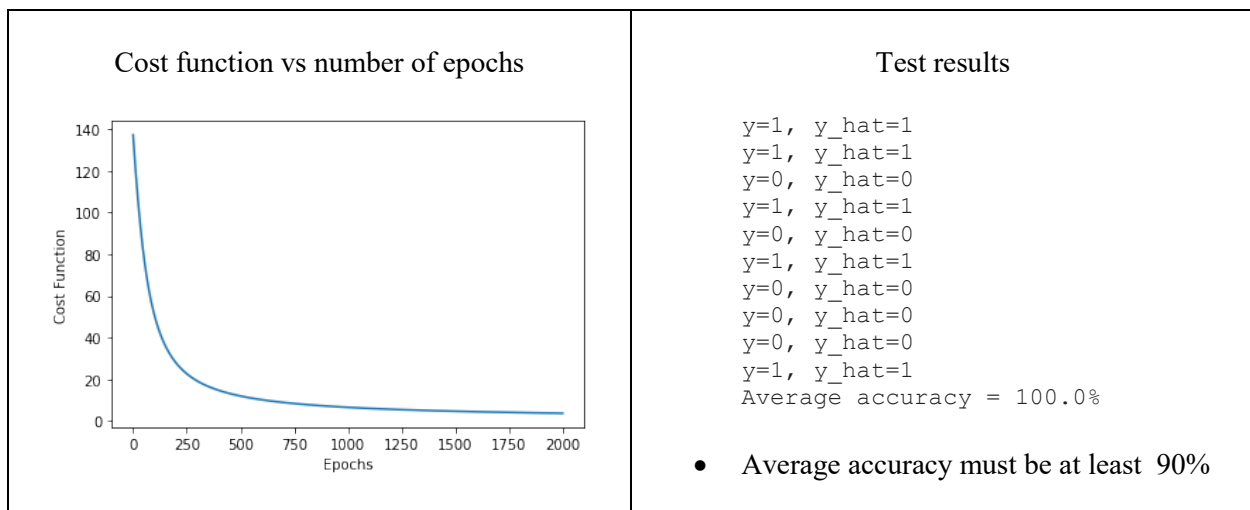
Logistic Regression with Batch Gradient Descent

In this project you will train your model using the modified 4-dimensional, 2-class Iris dataset.

Procedure:

- Read the dataset.
- Use the training set to train the model with gradient descent.
 - Run it for 2000 epochs with learning rate = 0.01.
- Plot the cost function as a function of epochs.
- Test the model using the test set.
 - Print the actual and predicted class labels.
 - Print the average accuracy.

Expected outputs:



Submit your python code (.ipynb file). Your code must run on Google Colab.

Discussing this project with other students is highly recommended but you have to submit your own solutions.