Assignment 2 Data Loading and Prediction

1. This assignment intends to help you understand how to load and read .csv file in TensorFlow, and predict diabetesbased on given data using Python Tensorflow.
2. The dataset is composed of 759 rows and 9 columns. You have to carefully determine a shape of Xdata, Y data, weight, and bias by applying the slicing technique.
3. Next, your hypothesis has to be defined by tf.matmul(X, W) + b with the sigmoid function.
4. Furthermore, your cost function is defined by the logarithm.
5. Please use 1e-2 through 1e-4 for your learning rate with 10,000 steps. Your results have to be displayed every 200 step, and please find which learning rate gives you the best accuracy.
6. Your results should display the following things:
    a. Steps and cost values
    b. Hypothesis, Correct, and Accuracy
7. Please submit your assignment in .ipynb.
8. Due date: By 11:59PM, 09/20/2020