

Assignment #1 Linear Regression

Assume that the following Table 1 is given.

X (Age)	Y (Cholesterol Level)
14	78
20	84
22	84
30	88
34	78
35	87
40	92
41	108
45	98
46	87
52	80

Table 1 Independent and Dependent Data

Based on the given Table above, please write TensorFlow code and make a program for a linear regression model. The followings are coding requirements.

- Both X and Y data has to be defined by placeholder.
- Learning rate: Set the best learning rate to find the optimized w and b values
- 3,000 steps. Your result has to be displayed every 30 steps
- Step, loss (cost) value, weight value, and bias value have to be displayed.

Due date: By 11:59PM, 09/9/2020

File Format: Your Last Name_Assignment1.ipynb