

## Assignment#4

Collect the screenshots and actual files for each of the following activity.

### Activity#1

Demonstrate the model of Linear regression by using the Excel sheet. Generate random data points and follow steps 1,2 and 3 listed on the page Linear Regression -Activity in module 5 on ecentennial.

### Activity#2

Install TensorFlow and Keras. Complete Activity 1 and Activity 2 based on the TensorFlow.

### Activity#3

For the Functional API example, run the activity in colab, rerun in local Jupyter notebook/IDLE, and save the models and png locally.

Ref (<https://www.tensorflow.org/guide/keras/functional>)