

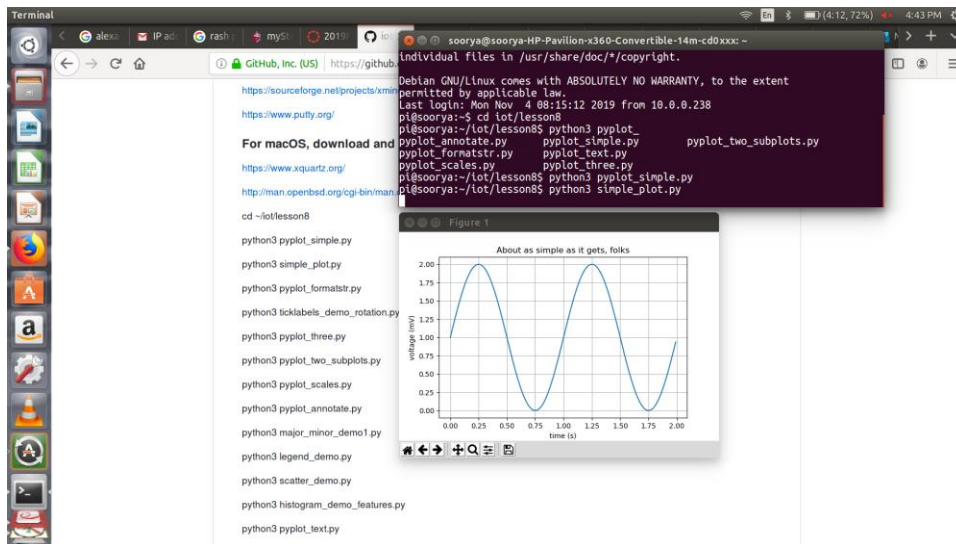
EE 629 – IoT using Raspberry Pi

Lesson 8 – Exercises - Done

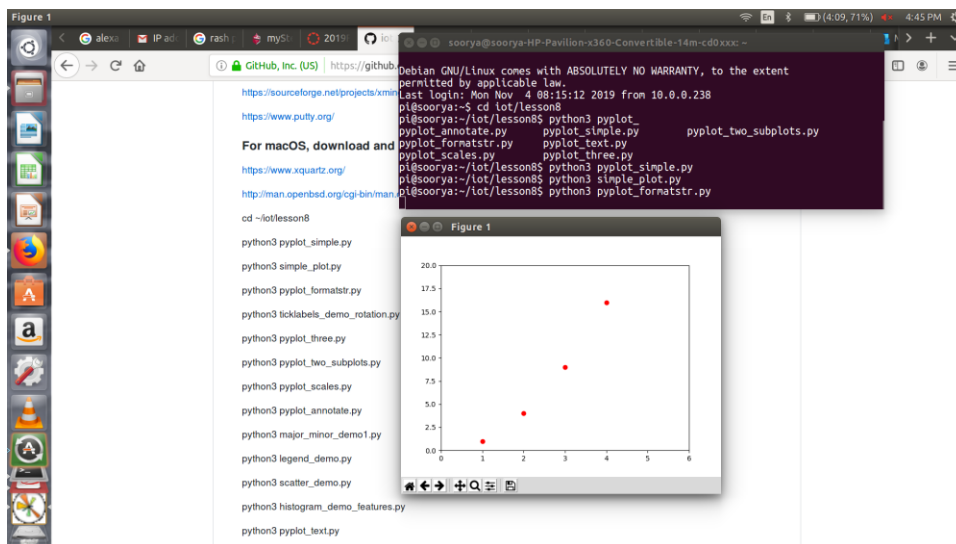
Data Analysis:

- Installed SciPy, Matplotlib, pandas, and dependencies on Raspberry Pi
- Installed NumPy, scikit-learn, TensorFlow, and Keras on Raspberry Pi
- Enables X11 forwarding with SSH -Y
- Ran all the python programs mentioned in the Lesson8 exercise and viewed the results
pyplot_simple.py

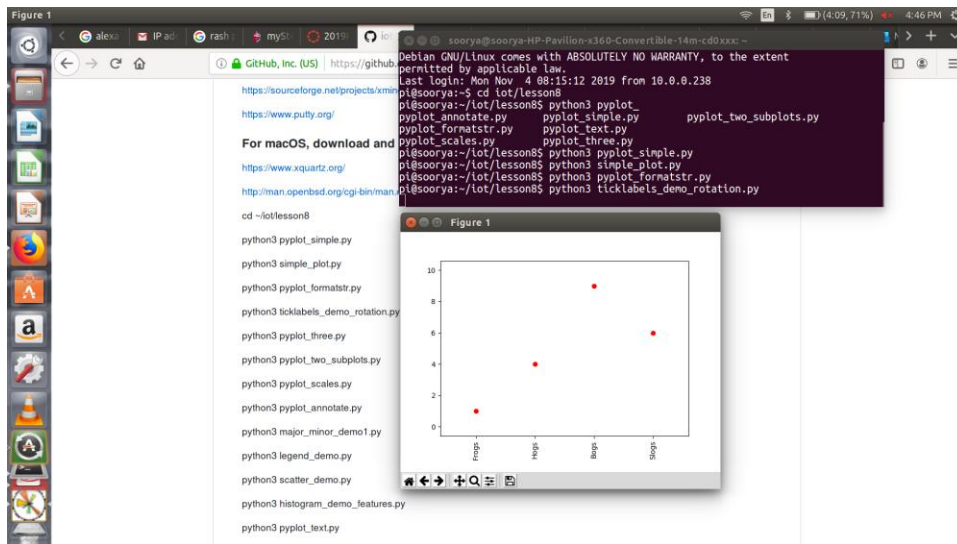
python3 simple_plot.py



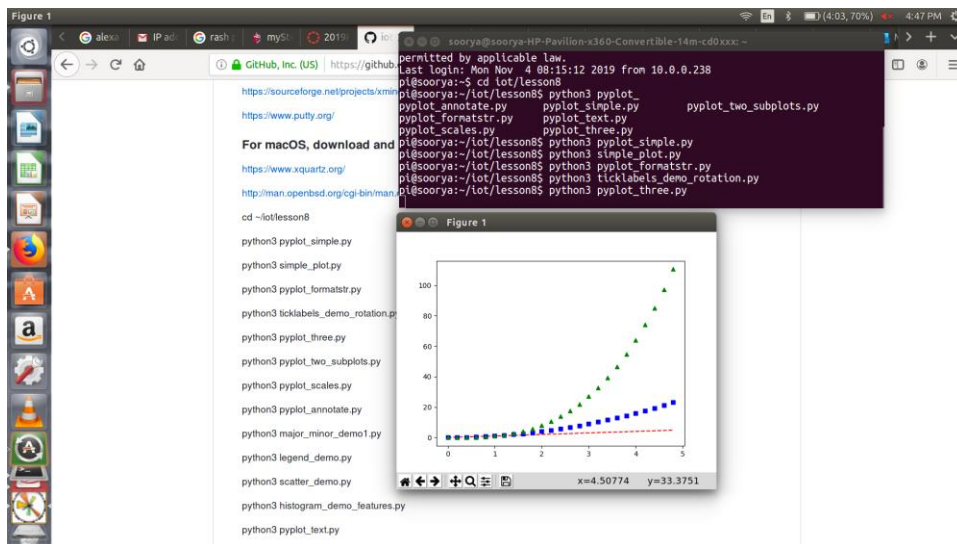
python3 pyplot_formatstr.py



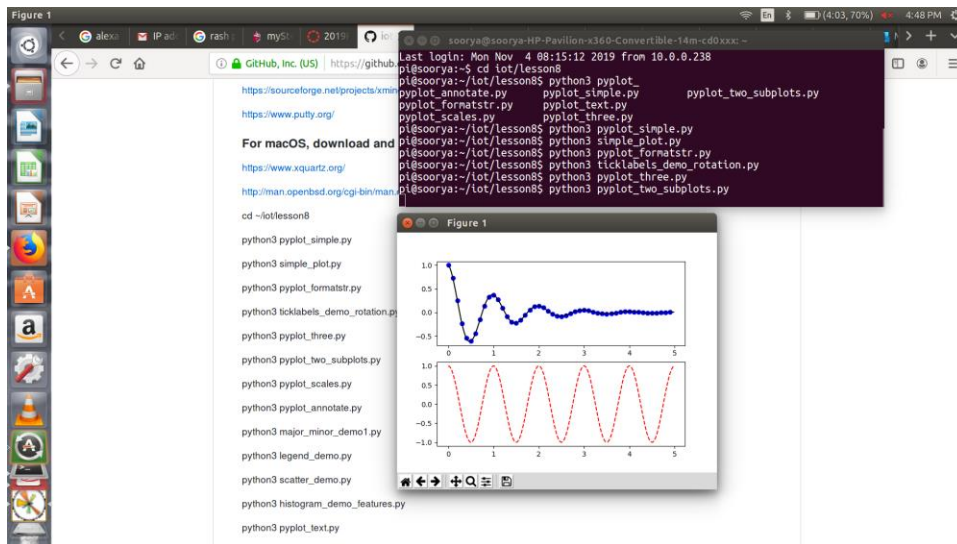
python3 ticklabels_demo_rotation.py



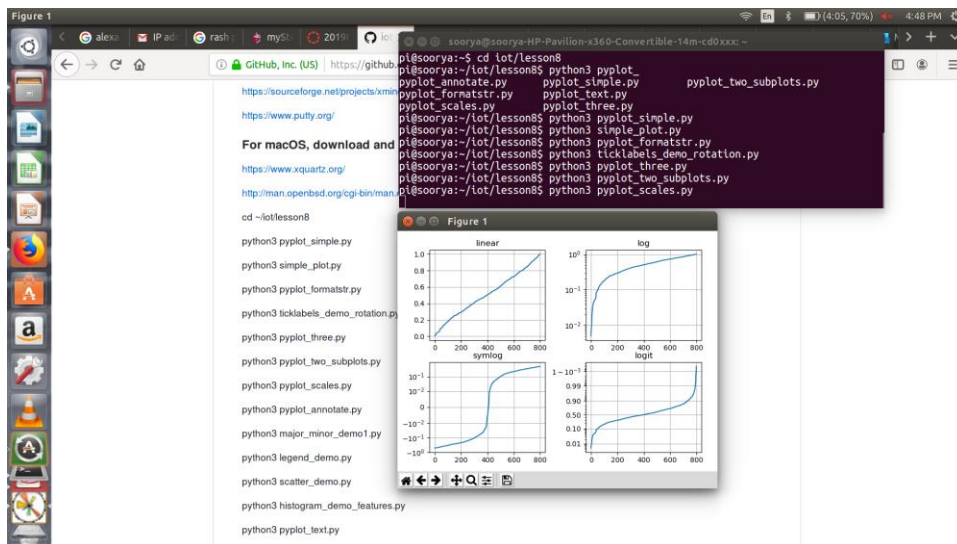
python3 pyplot_three.py



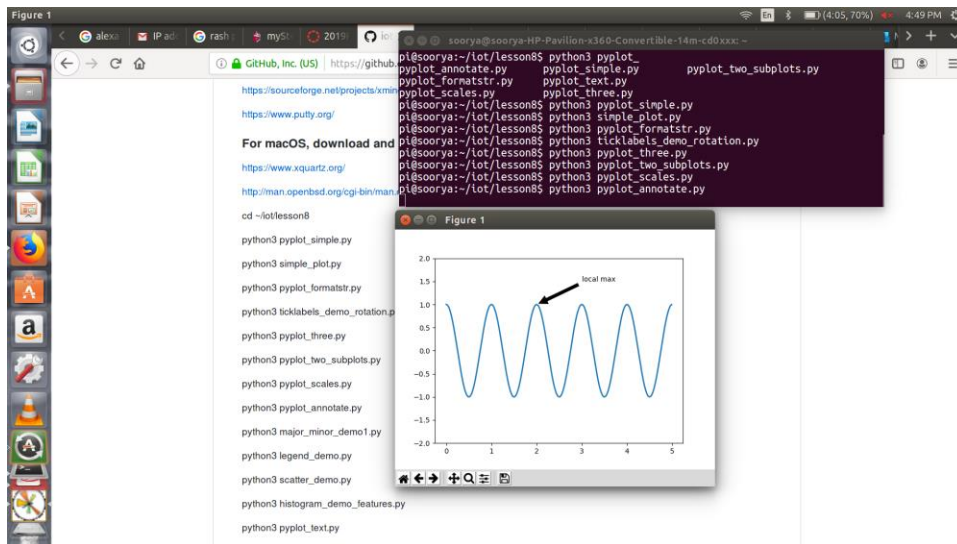
python3 pyplot_two_subplots.py



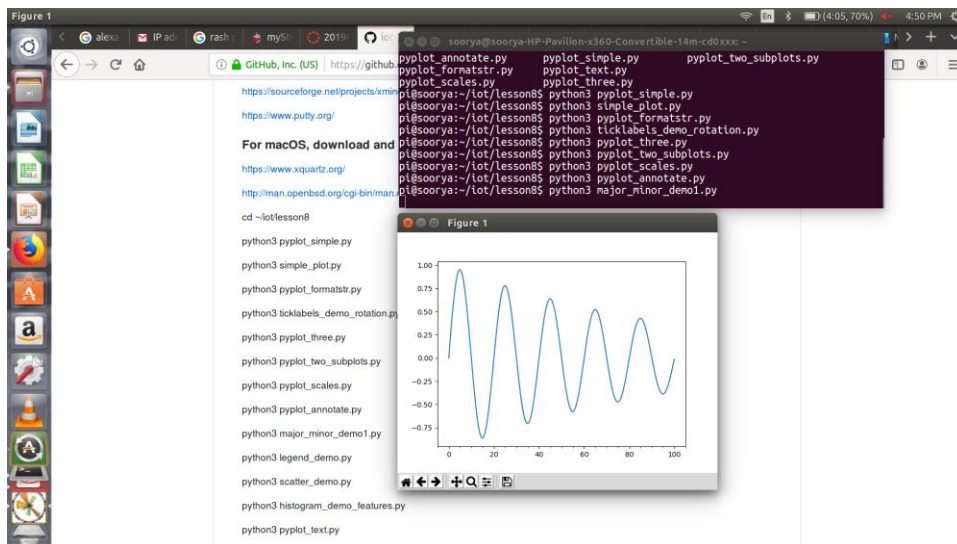
python3 pyplot_scales.py



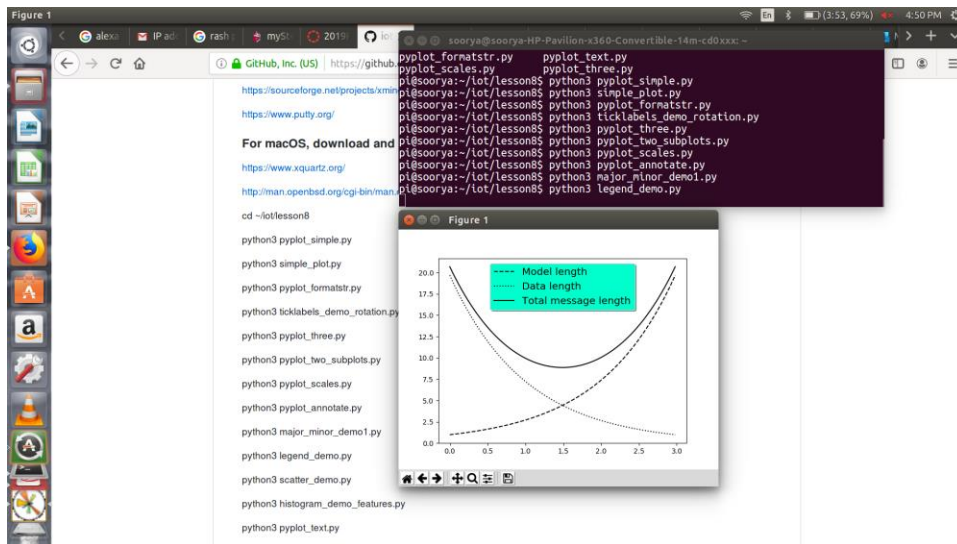
python3 pyplot_annotate.py



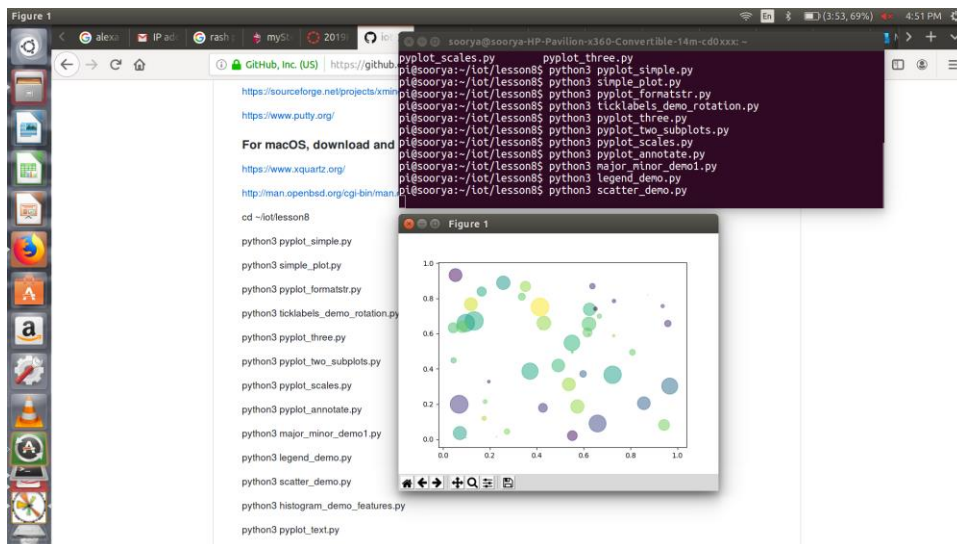
python3 major_minor_demo1.py



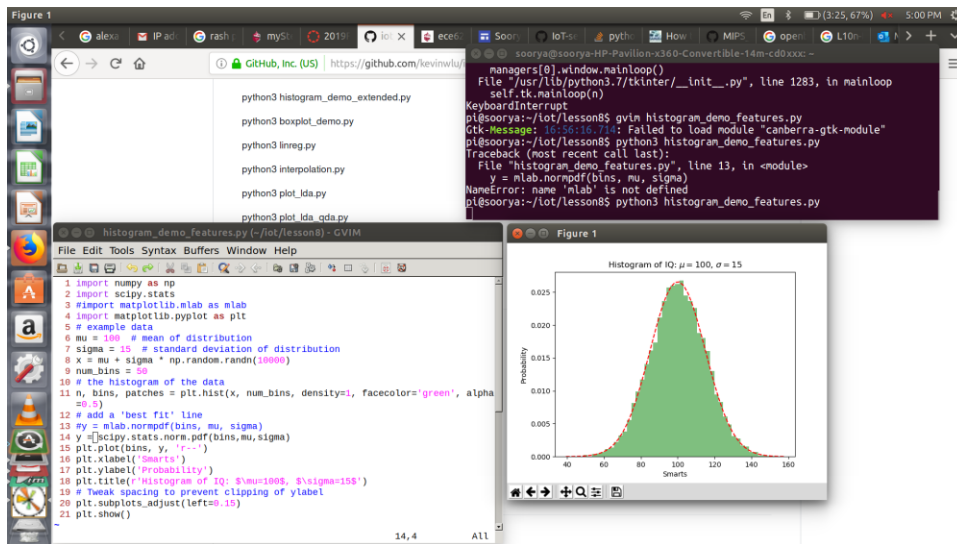
python3 legend_demo.py



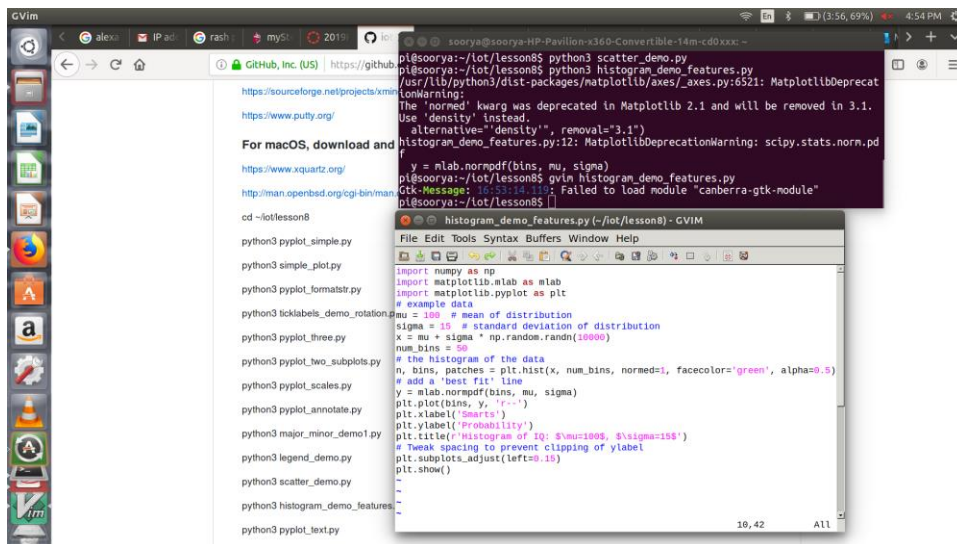
python3 scatter_demo.py



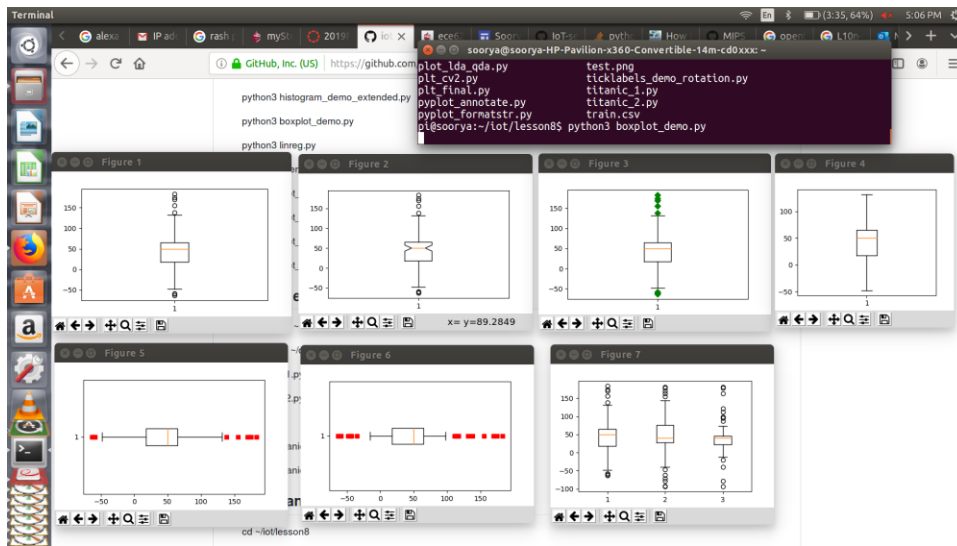
python3 histogram_demo_features.py



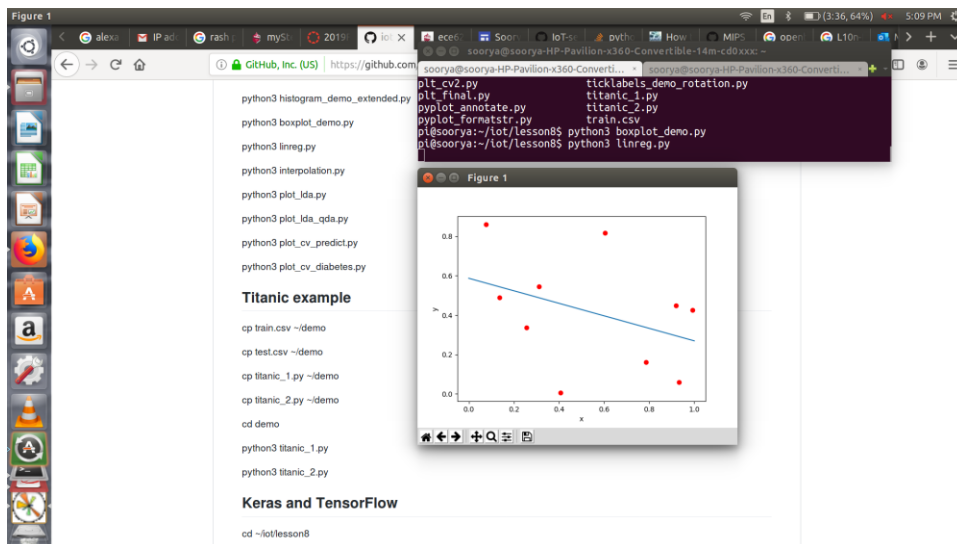
python3 histogram_demo_extended.py



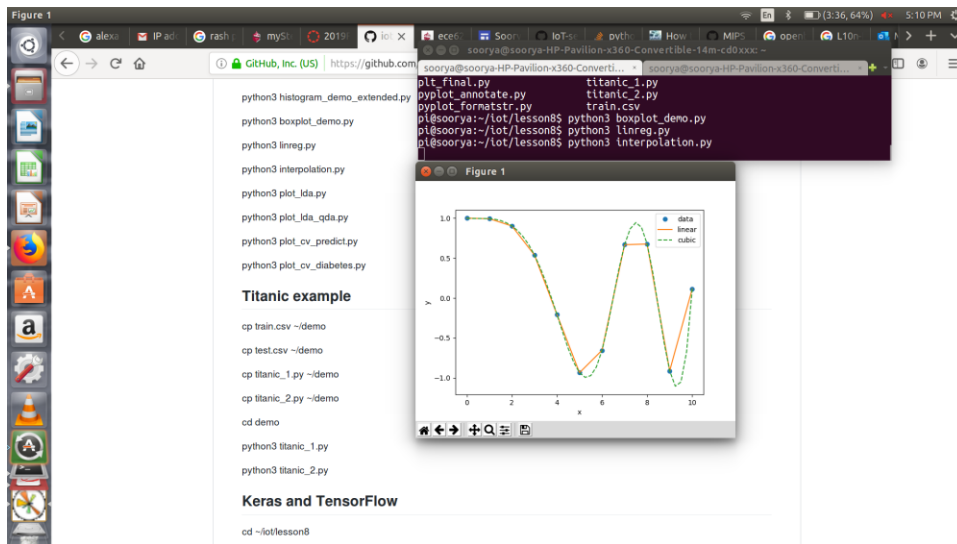
python3 boxplot_demo.py



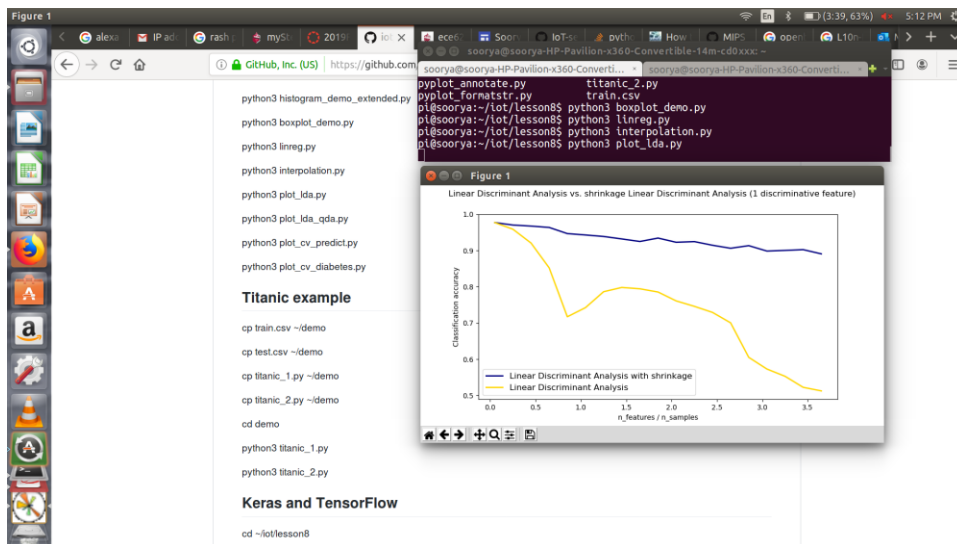
python3 linreg.py



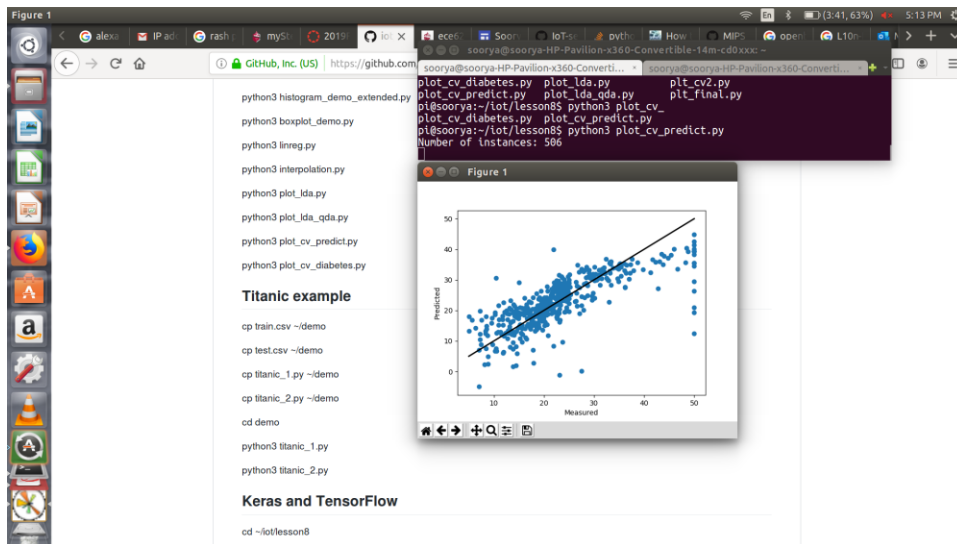
python3 interpolation.py



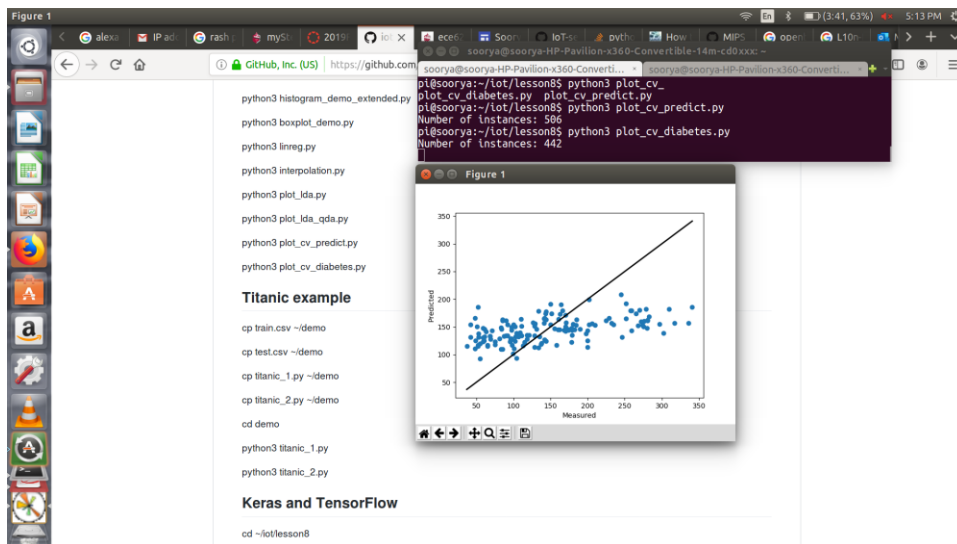
python3 plot_lda.py



python3 plot_cv_predict.py

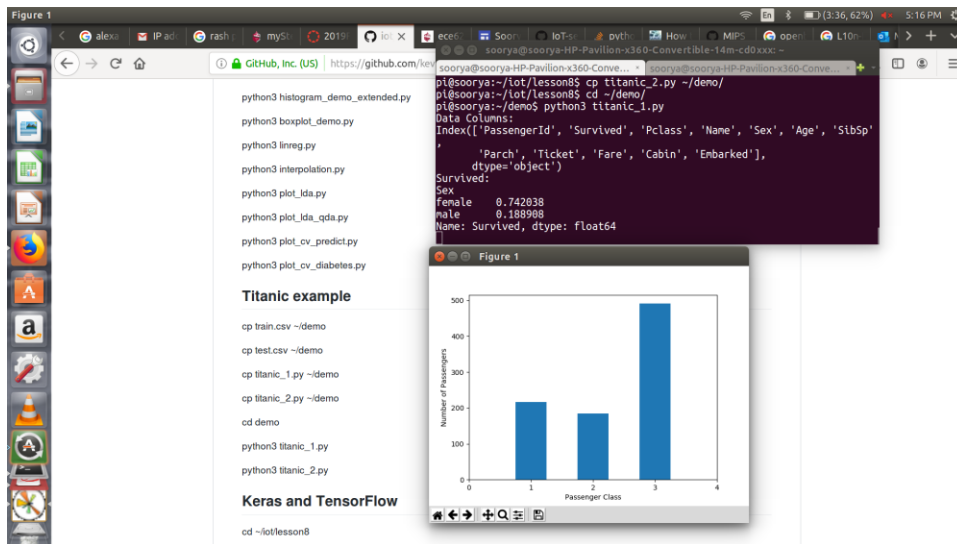


python3 plot_cv_diabetes.py

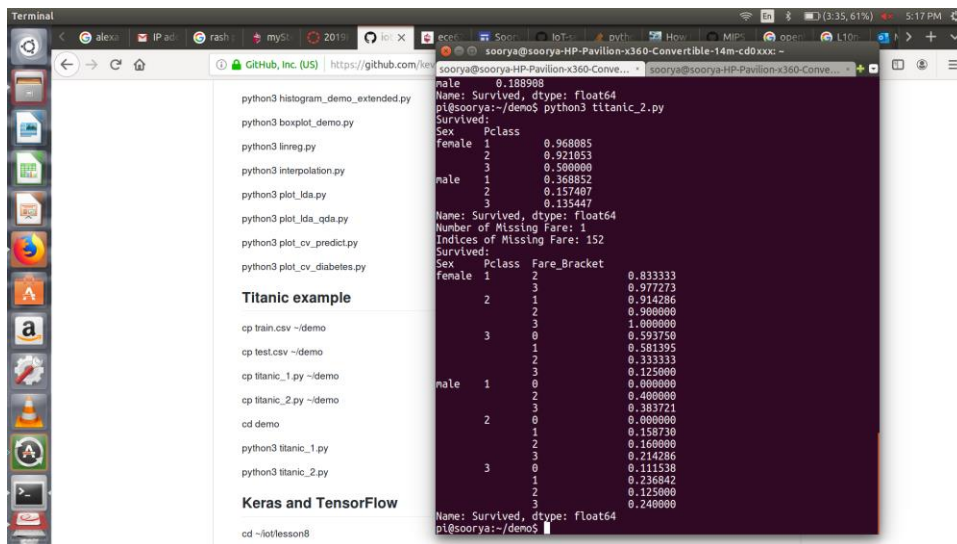


Titanic example

python3 titanic_1.py



python3 titanic_2.py



Keras and TensorFlow

python3 keras_diabetes.py

