Udacity course: Python Programming Foundation.

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Summary:

I have decided to do this course after a good experience with Android Programming.

The idea came up after develop a mobile application to track my scores of my trainings.

These days I’m doing Crossfit and I wanted to have some Graphs to see my improvements in the Olympic lifting’s – Python was a pretty good solution with the using of mathplotlib.

I know we can do that with another tools like Excel and such but it was good practice for me.

At my current position we doing some Python, Android and a lot of low-level programming and I wanted to understand more.

Project Solution Design for final project

The problem:

Analyze Excel sheet for any reason and draw it on a graph.

The steps:

-Create simple Excel sheet

-Open Excel sheet and read data with Python.

-Google for a Python graph library.

-Create a new window.

-Learn from examples on the net.

-Draw simple data on the Graph.

-Put tweaks on the Graph.

-Understand how to work with multiple Python files.

-Integrate.

-Clean the code and add comments.

Object Oriented:

I created a class called excel\_class, which every instance can read a different Excel sheet for your own choice, you just need to send to the readFromExcel function the name of the class that represent the sheet.

Class Diagram:



Final Screen Shot:

