In this project, you’ll combine your knowledge of lists, loops, and syntax to help a mad scientist perform some calculations on his data.

Complete this project on your own computer. To do this, you’ll need to install Python. Follow the directions below, if you’re interested.

**Working on Your Computer**

1. If you’ve never used the command line, we recommend taking the [Learn the Command Line course](https://www.codecademy.com/learn/learn-the-command-line).
2. Install Python by following the directions in this article on [Installing Python](https://www.codecademy.com/articles/install-python3).
3. Learn about [Jupyter Notebooks](https://www.codecademy.com/articles/how-to-use-jupyter-notebooks), a cool way of combining Python code with explanations or instruction in a web terminal.
4. Download the [Linear Regression project](https://s3.amazonaws.com/codecademy-content/programs/programming-with-python/Reggie's+Linear+Regression.zip). Unzip it by double-clicking on it. In the terminal, navigate to the directory containing the project, and type:

jupyter notebook

This should open a browser tab.

1. Click on **Reggie\_Linear\_Regression\_Skeleton.ipynb** in the browser tab. This will open up your Jupyter Notebook.
2. Follow the steps in the Jupyter Notebook. If you get stuck, you can look at **Reggie\_Linear\_Regression\_Solution.ipynb** for the answer.