* **Open AI** refers to the fact that Python and all of the associated libraries in the predictive analytics community is free. The open means open source and the AI means artificial intelligence.
* **Libraries**are simply code we can **import into Python** to extend the functionality of the language.
* **High level**in programming language vernacularmeans the code is more human readable.
* **NLTK** is for text mining and **natural language processing.**
* **Machine learning** is a type of AI where computers learn without **explicitly being programmed.**
* A **CSV** is a comma separated values file.
* **Columns**are refereed to as **attributes**.
* **Rows**are called **observations**.
* A**data set**is all the data they will use to build the model.
* **Training data**is the data used to predict the target variable.
* That thing or column **we are trying to predict** is called a **target variable.**
* **Machines**speak **numbers**and we speak text.
* Regardless of the version the **Jupyter notebooks** are used in the same way.
* The area we *type in*inside a Jupyter Notebook is called a **cell**.
* **Import**means to "bring in."
* In this statement import pandas as **pd**, pd is an alias.  It's like shorthand.
* We can use **Ctrl + Enter** to run the contents of a cell.
* When you **close the window** that's opened when you type jupyter notebook you close down Python.
* The **recommended approach** to installing Python is using the **Anaconda**installation.