



## Project Overview

In this project, you will analyze a dataset and then communicate your findings about it. You will use the Python libraries NumPy, pandas, and Matplotlib to make your analysis easier.

## What do I need to install?

You will need an installation of Python, plus the following libraries:

- \* pandas
- \* NumPy
- \* Matplotlib
- \* csv

We recommend installing [Anaconda](#), which comes with all of the necessary packages, as well as IPython notebook. You can find installation instructions [here](#).

## Why this Project?

In this project, you'll go through the data analysis process and see how everything fits together. Later Nanodegree projects will focus on individual pieces of the data analysis process.

You'll use the Python libraries NumPy, pandas, and Matplotlib, which make writing data analysis code in Python a lot easier! Not only that, these are sought-after skills by employers!

## What will I learn?

After completing the project, you will:

- Know all the steps involved in a typical data analysis process
- Be comfortable posing questions that can be answered with a given dataset and then answering those questions