**Server Setup**

Below I have outlined the steps I used to setup the server I used when testing my flask API. The steps may be a little different depending on the hardware and software setup of the server. I am using Ubuntu 16.04 running on Google cloud platform.

**Initial Setup**

1. The first step is installing the newest versions of packages using the following commands
   1. 
   2. 
2. Next, we need to do is install anaconda (which has the distribution of python and package manager we will use):
   1. Download: 
   2. Install: 
3. Next, we set the environment variable for coda.

(Currently, if we try to use conda we will get a “command not found error)

* 1. We do this with the following command: 
  2. We can check the success of the above as follows: 

**Creating Environment manually**

1. 

This will create an environment named ‘api\_env’ which uses python version 3.7.4

1. 

We are now inside of the newly created environment

1. I then installed all needed packages using conda install package name

**Creating Environment using environment.yml file**

In order to make this project easier to replicate I have included a file named environment. yml which you can use to quickly install all of the packages I used in this project. (environment.txt can also be used)

1. 

This will create an environment with all of the same packages and package versions that I used.