**Python / Mac环境**

Python官网：https://docs.python.org/3.6/installing/index.html#install-pip-in-versions-of-python-prior-to-python-3-4

**用homebrew 安装Python**

homebrew 官网https://brew.sh/index\_zh-cn.html

链接参考：https://www.jianshu.com/p/b26b86bff852

如果通过homebrew安装python3，那么pip3会同时安装。所以建议直接通过homebrew安装python3:

安装 Homebrew

/usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"

查看是否安装成功

brew doctor

安装Python

brew install python

你可以根据需要设置路径（可选）

**用pip/pip3 安装Python**

安装 pip (或 Python3 的 pip3 ):

# Mac OS X

$ sudo easy\_install pip

安装python

pip install python

pip3 install python3

**用homebrew 安装opencv**

Mac 下可以直接使用 brew 来安装OpenCV，具体步骤如下：

链接参考:http://blog.csdn.net/garfielder007/article/details/51317251

# add opencv

brew tap homebrew/science

# install opencv

brew install opencv

安装必要的python库

pip install numpy

pip install matplotlib

参考：https://www.pyimagesearch.com/2015/06/15/install-opencv-3-0-and-python-2-7-on-osx/

**TensorFlow中文版教程：**http://wiki.jikexueyuan.com/project/tensorflowzh/get\_started/os\_setup.html

**scikit-learn中文版教程**

http://sklearn.apachecn.org/cn/0.19.0/tutorial/index.html

额外安装包：

jupyter notebook

我遇到的问题的解决网址：

[github.com/Homebrew/homebrew-python/issues/216](http://github.com/Homebrew/homebrew-python/issues/216)

<https://stackoverflow.com/questions/43666806/install-opencv3-on-mac-for-python-3-6>

https://stackoverflow.com/questions/39449549/python-syntaxerror-invalid-syntax-matplotlib-inline