Software on MAC

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- Setup homebrew. Not all steps are required if some of the required software already exits on your system. Open "terminal" and type. Follow on screen instructions

```
xcode-select --install
```

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

```
brew doctor
```

```
brew install Caskroom/cask/brew-cask
```

```
brew install Caskroom/cask/xquartz
```

- The standard gcc available on OS X through XCode and Clang doesn't support OpenMP. To install the Homebrew version of gcc with OpenMP support you need to install it with

```
brew install gcc --without-multilib
```

- If gcc is already installed, use:

```
brew reinstall gcc --without-multilib
```

- This will install it to the /usr/local/bin directory. Homebrew will install it as gcc-<version>so as not to clobber the gcc bundled with XCode. The existing version of boost (if any) is probably compiled with clang. We need the version compiled with gcc:

```
brew install boost --cc=gcc-5
```

```
brew install gsl
```

- Install python

```
brew install python
sudo pip install scikitlearn
sudo pip install jupyter
```