

# APPM 4570/5570

## Software Guide



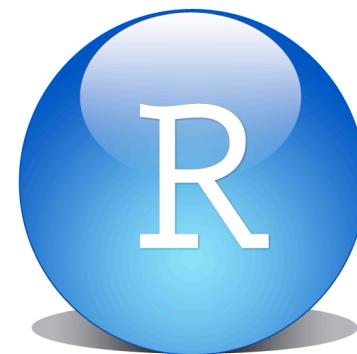
- In this course we will use Jupyter Notebooks

Two steps:

(1) Download Anaconda

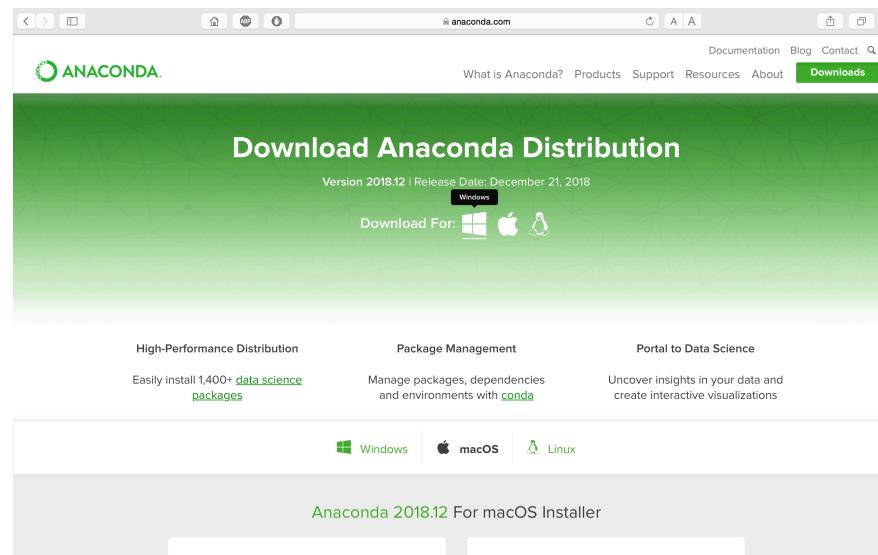


(2) Install R-Studio



# (1) First you will need to download Anaconda:

- <http://docs.anaconda.com/anaconda/install/windows/>
- <http://docs.anaconda.com/anaconda/install/mac-os/>
- <http://docs.anaconda.com/anaconda/install/linux/>



- <https://www.anaconda.com>

The image displays four screenshots of the Anaconda website:

- Top Left:** The homepage features a dark background with a network graph pattern. It includes a banner for the "Report: 2018 Anaconda State of Data Science" with a "Download Report" button, and sections for "The Most Popular Python Data Science Platform" with icons for Accelerate, Connect, and Empower.
- Top Right:** A sub-page titled "Download Anaconda Distribution" for version 2018.12 (Release Date: December 21, 2018). It shows download links for Windows, macOS, and Linux, along with brief descriptions of the platform's features: High-Performance Distribution, Package Management, and Portal to Data Science.
- Middle Left:** A detailed view of the Windows installer page for Anaconda 2018.12. It offers two main Python versions: Python 3.7 and Python 2.7. Each version has a "Download" button and links to 64-bit and 32-bit graphical installers. There are also links for "Behind a firewall?", "How to get Python 3.6 or other Python versions", and "How to Install ANACONDA".
- Middle Right:** A preview of the "Anaconda 2018.12 For macOS Installer" page, which follows a similar layout to the Windows page but is specifically for macOS users.

## (2) Then you will have to install the R essentials package:

- <https://docs.anaconda.com/anaconda/packages/r-language-pkg-docs/>
- From the terminal/anaconda prompt:

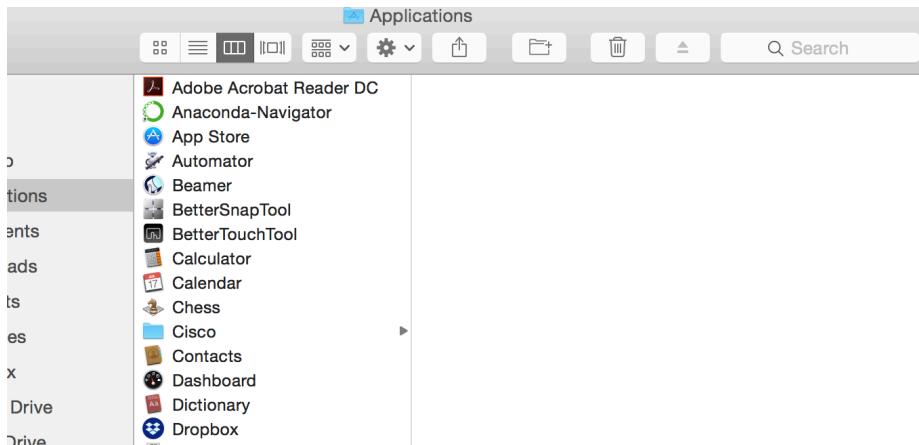
### R Essentials bundle

Rather than install each R language package individually, you can get the R Essentials bundle. It includes over 100 of the most popular scientific packages for the R programming language.

You can install the R Essentials bundle with this command:

```
conda install -c r r-essentials
```

# Now you can launch the Anaconda Navigator



and open a Jupyter notebook (or launch R Studio)

