**ST8701 Introduction to Programming for Data Science**

**What you will learn / do in this lab**

1. Install the Anacondas Python distribution

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# Overview

## What you will do for this lab



In this lab, you will install the Anaconda software, which you will be using throughout this module.

## Intro to Anaconda

Anaconda is a free Python distribution focused on large-scale data processing, analytics, and numeric computing.

The following are the key features of Anaconda:

* It includes the most popular Python packages for scientific, engineering, numerical, and data analysis.
* It is completely free and available on Linux, Windows, and Mac OS X platforms.
* Installations do not require root or local admin privileges, and the entire package installs in a single folder.
* Multiple installations can coexist, and the installation does not affect pre-existing Python installations on the system.
* It includes modules such as Cython, NumPy, SciPy, pandas, IPython, matplotlib, and homegrown Continuum packages such as Numba, Blaze, and Bokeh.

# Installing Anaconda



## Windows installation

| No | Task | |
| --- | --- | --- |
|  | Visit the Anaconda website and click on “Download Anaconda Now”  <https://www.anaconda.com/distribution/> |  |
|  | Choose the **Python 3.x** version and if you are on Windows 10 or Windows 8, the **64-bit installer** version |  |

**-- End of Practical --**