Contents:

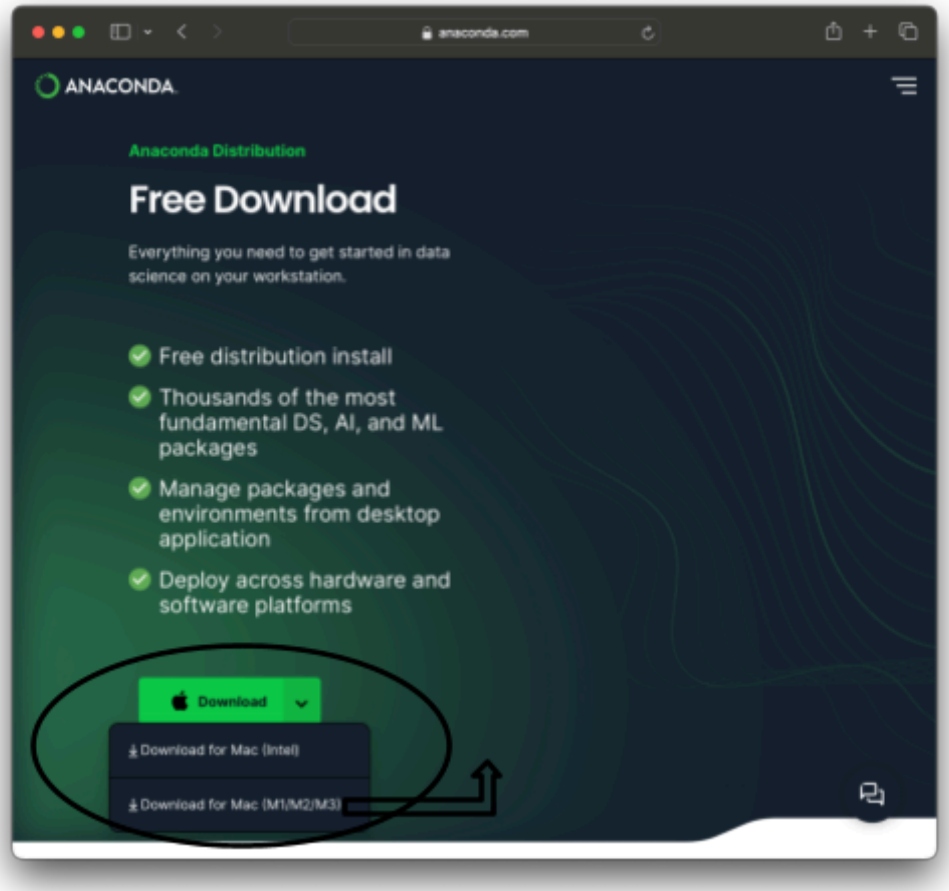
LAB 1 : Write Steps to Install Python 3(Anaconda) for Lab Preparation with appropriate snapshots and Lunch JupytorLab.

Prerequisites:

- macOS computer with a stable internet connection.

Installation Steps:

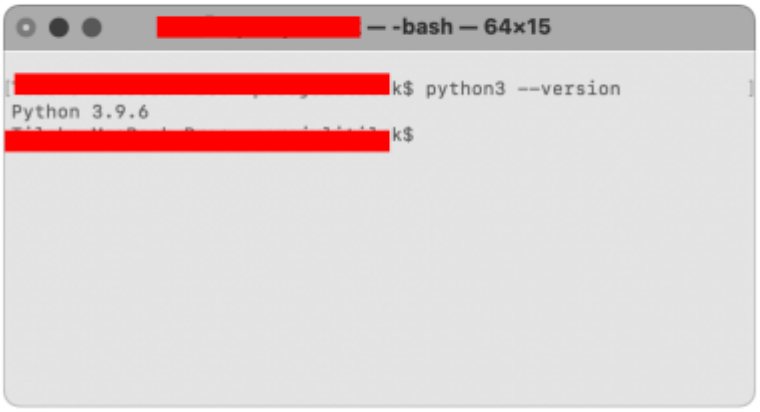
1. **Download the installer:**
    - Visit the Anaconda website: https://www.anaconda.com/products/individual
    - Click the **"Download"** button under the macOS section. The graphical installer will start downloading.



2. **Run the installer:**
    - Double-click the downloaded .pkg/.dmg installer file.

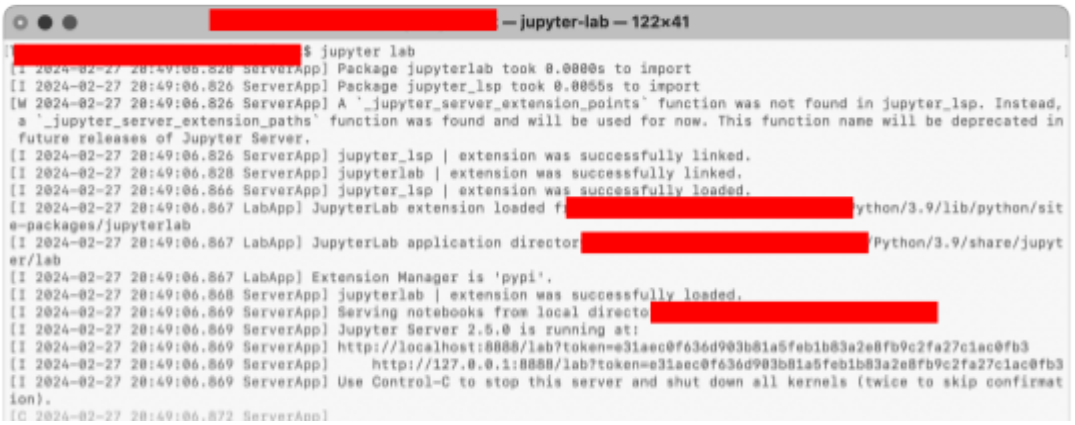
- Follow the on-screen instructions:
  - Click **"Continue"** on the welcome screen.
  - Read and agree to the licence agreement.
  - Select the installation location (default is recommended).
  - **Important:** When you reach the step titled "Install Type", uncheck the option "Add Anaconda3 to my PATH environment variable...", unless you're specifically certain that you need it. Leaving it unchecked is the safer option to prevent conflicts with existing Python installations.
  - Click **"Install"** and wait for the installation to complete.

3. **Verify installation (optional):**
   - Open a new **Terminal** window (Applications > Utilities > Terminal).
   - Type **python3 --version** and press Enter. The output should display the installed Python version (e.g., **Python 3.11.0**).



Launching JupyterLab:

1. **Open a Terminal window.**
2. **Start JupyterLab:**
   - Type jupyter lab and press Enter.



- JupyterLab will launch in your default web browser.