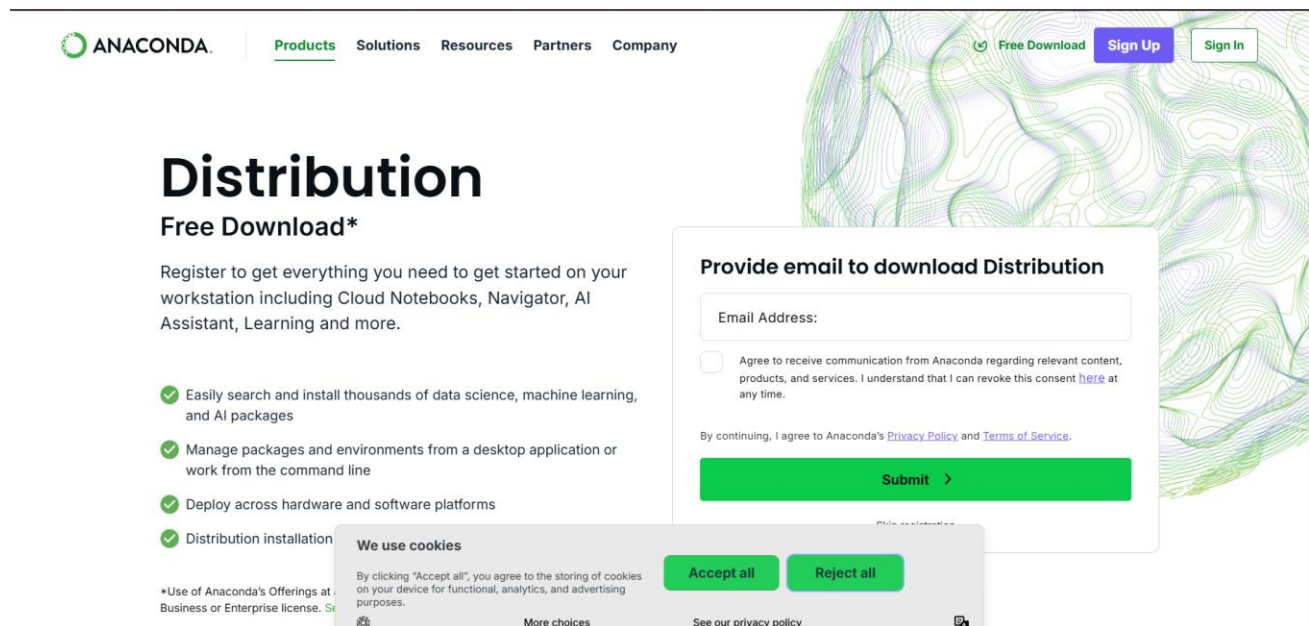


# Experiment- 1

## Installing Anaconda and Setup Environment

### Step 1: Download Anaconda

1. Open your browser and go to: [anaconda.com/download](https://anaconda.com/download)
2. Select **Windows** as your operating system.
3. Click "**Download**" (64-bit installer for Windows).
4. Wait for the .exe file to download.



### Step 2: Install Anaconda

#### 1. Run the Installer

- Locate the downloaded .exe file in your **Downloads** folder and double-click to run it.

#### 2. Follow Installation Steps

- Click **Next** → Accept the license agreement → Click **Next**.
- Select an installation option:
  - Just Me (Recommended) - Install Anaconda Distribution for the current user account.
  - All Users - Install Anaconda Distribution for all user accounts on the computer (requires Windows Administrator privileges).
- Choose "**Just Me**" (recommended) → Click **Next**.
- Select a destination folder to install Anaconda → Click **Next**.

- Customize your installation options:
  - Create shortcuts - Selected by default. Creates Start Menu shortcuts for the Anaconda Navigator, Spyder, Jupyter Notebook, and Anaconda Prompt packages. Deselecting this option skips creating these shortcuts.
  - Add Anaconda3 to my PATH environment variable - Adds the path that contains the conda binaries to your PATH environment variable.

*Anaconda does not recommend selecting this option. The conda binaries path contains other package binaries, which are permanently added to your PATH environment variable, even if no conda environment is currently active. This makes it possible for other software to use these package files, which might lead to errors.*

- Register Anaconda3 as my default Python 3.12 - Selected by default. Registers the Python package in this install as the default Python for programs like VSCode, PyCharm, etc.
- Clear the package cache upon completion - Runs conda clean --all --force-pkgs-dirs after the install finishes. For more information on these commands, see the [conda command documentation](#).

### Step 3: Complete Installation

- Click Install. The installation might take a few minutes to complete. Click Show details to view the packages being installed.
- Click Next twice, then click Finish to close the installer.