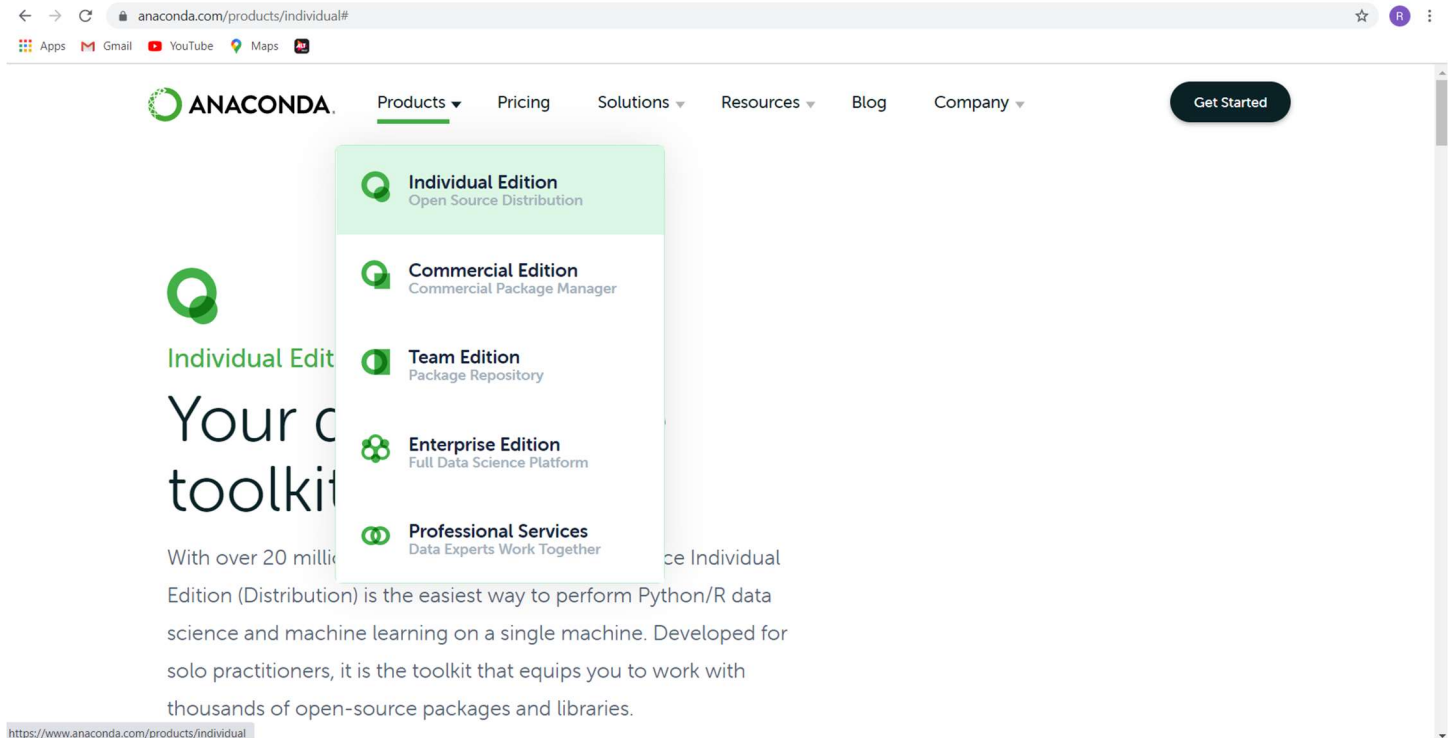


Setup Guide for Anaconda Python and Jupyter Notebook

CIS469/569 Big Data

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Select your operating system and download the software. Here we are installing anaconda on windows 10 64-bit operating system.

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Anaconda Installers

Windows 	MacOS 	Linux 
Python 3.8	Python 3.8	Python 3.8
<input checked="" type="radio"/> 64-Bit Graphical Installer (457 MB)	64-Bit Graphical Installer (435 MB)	64-Bit (x86) Installer (529 MB)
32-Bit Graphical Installer (403 MB)	64-Bit Command Line Installer (428 MB)	64-Bit (Power8 and Power9) Installer (279 MB)

Now run the downloaded application.



Welcome to Anaconda3 2020.11 (64-bit) Setup

Setup will guide you through the installation of Anaconda3 2020.11 (64-bit).

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

Next >

Cancel

Proceed to next step



License Agreement

Please review the license terms before installing Anaconda3 2020.11 (64-bit).

Press Page Down to see the rest of the agreement.

=====

End User License Agreement - Anaconda Individual Edition

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Copyright 2015-2020, Anaconda, Inc.

All rights reserved under the 3-clause BSD License:

This End User License Agreement (the "Agreement") is a legal agreement between you and Anaconda, Inc. ("Anaconda") and governs your use of Anaconda Individual Edition (which was formerly known as Anaconda Distribution).

If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Anaconda3 2020.11 (64-bit).

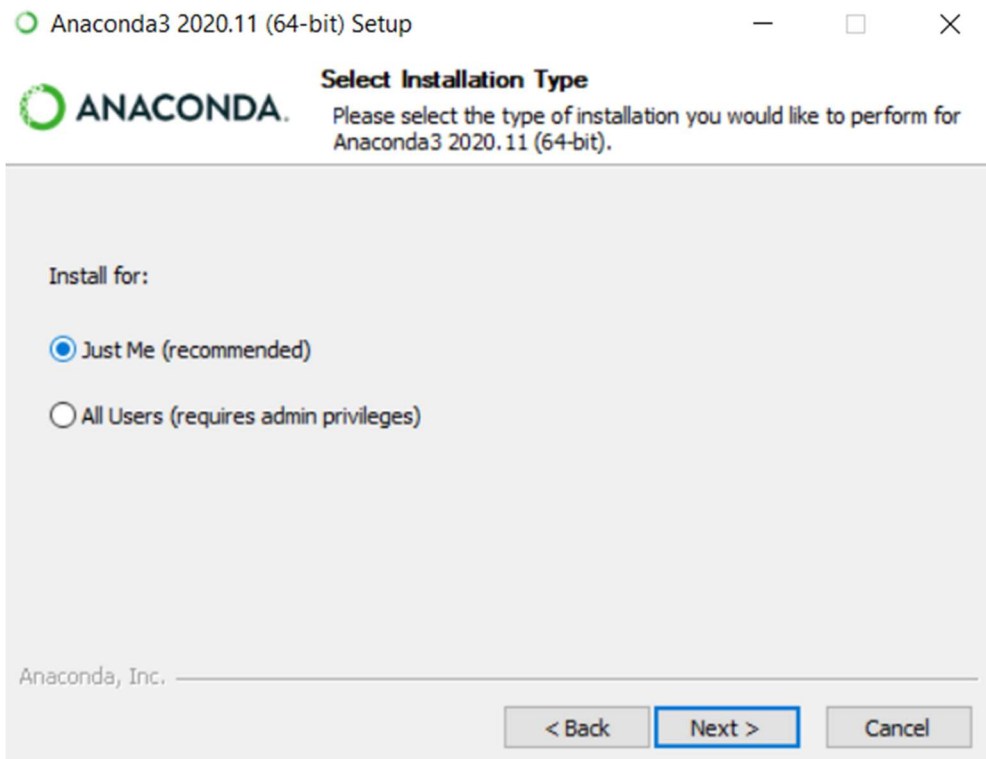
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< Back

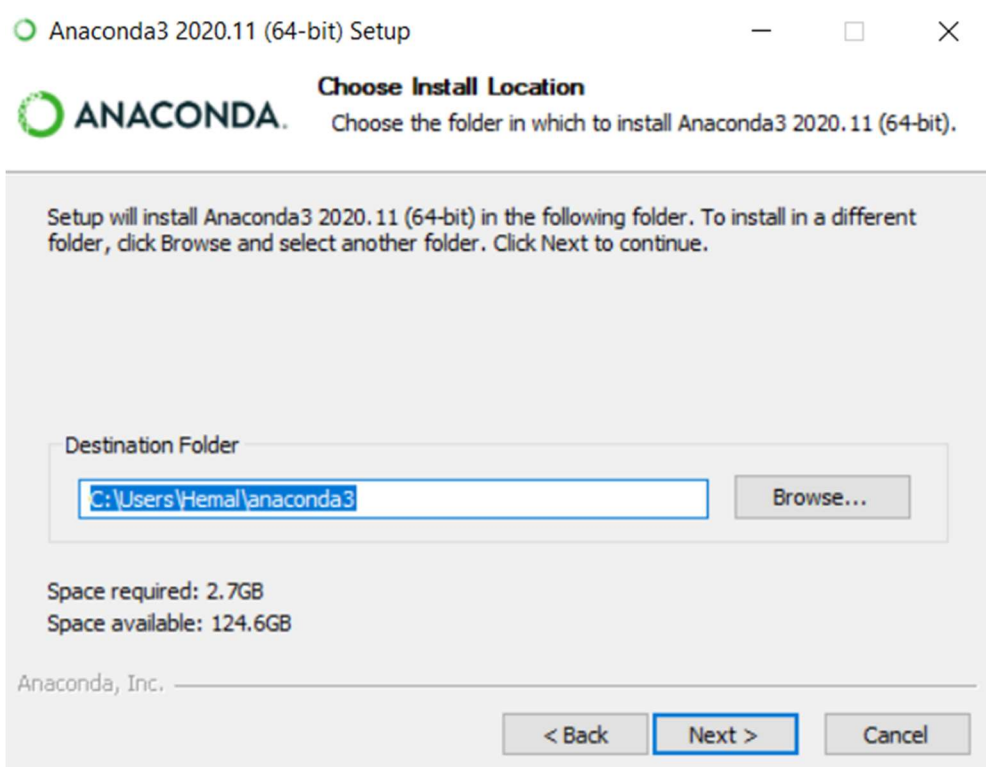
I Agree

Cancel

Select users for whom you want to install anaconda. Select the recommended one and proceed.



Select the directory where you want to proceed installation.



Select the second option to detect anaconda as primary python on system.



Advanced Installation Options

Customize how Anaconda integrates with Windows

Advanced Options

☐ Add Anaconda to my PATH environment variable

Not recommended. Instead, open Anaconda with the Windows Start menu and select "Anaconda (64-bit)". This "add to PATH" option makes Anaconda get found before previously installed software, but may cause problems requiring you to uninstall and reinstall Anaconda.

☒ Register Anaconda as my default Python 3.7

This will allow other programs, such as Python Tools for Visual Studio, PyCharm, Wing IDE, PyDev, and MSI binary packages, to automatically detect Anaconda as the primary Python 3.7 on the system.

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< Back

Install

Cancel

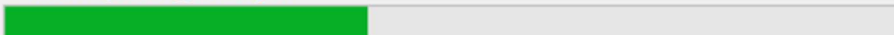
Proceed to install



Installing

Please wait while Anaconda3 2019.07 (64-bit) is being installed.

Extract: repodata_record.json



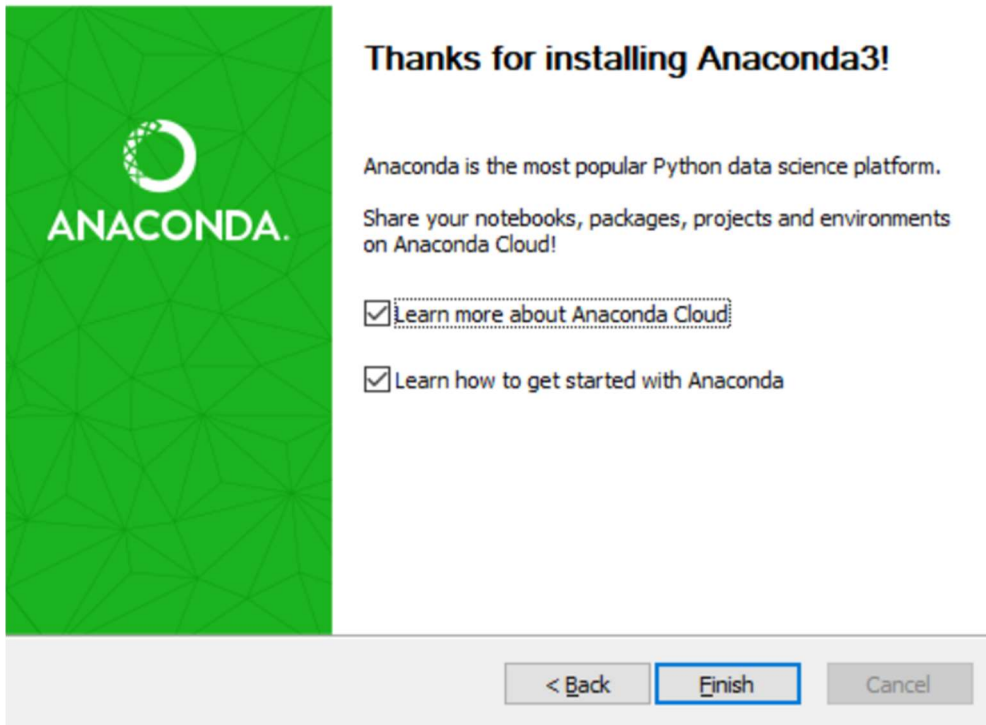
Show details

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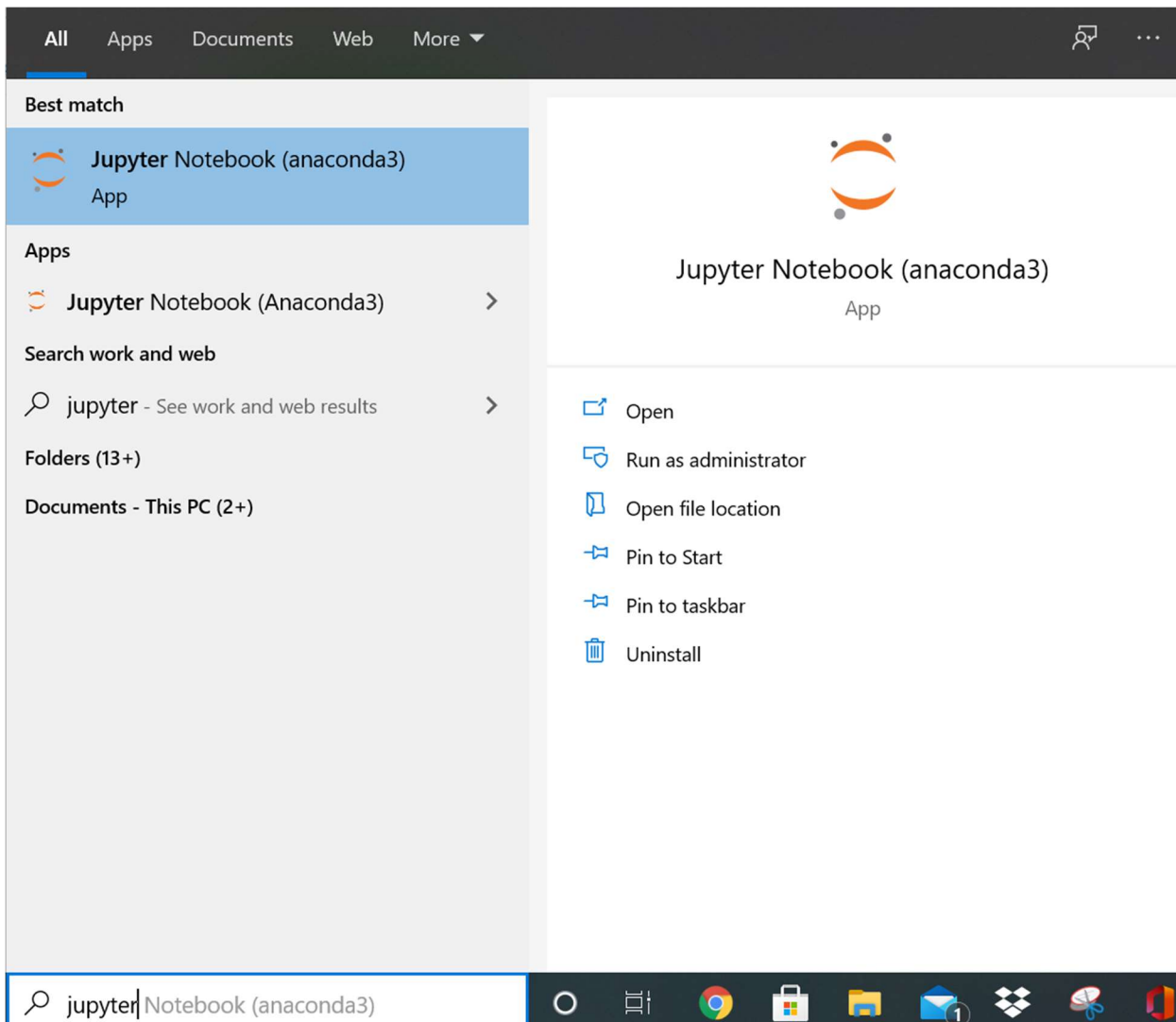
< Back

Next >

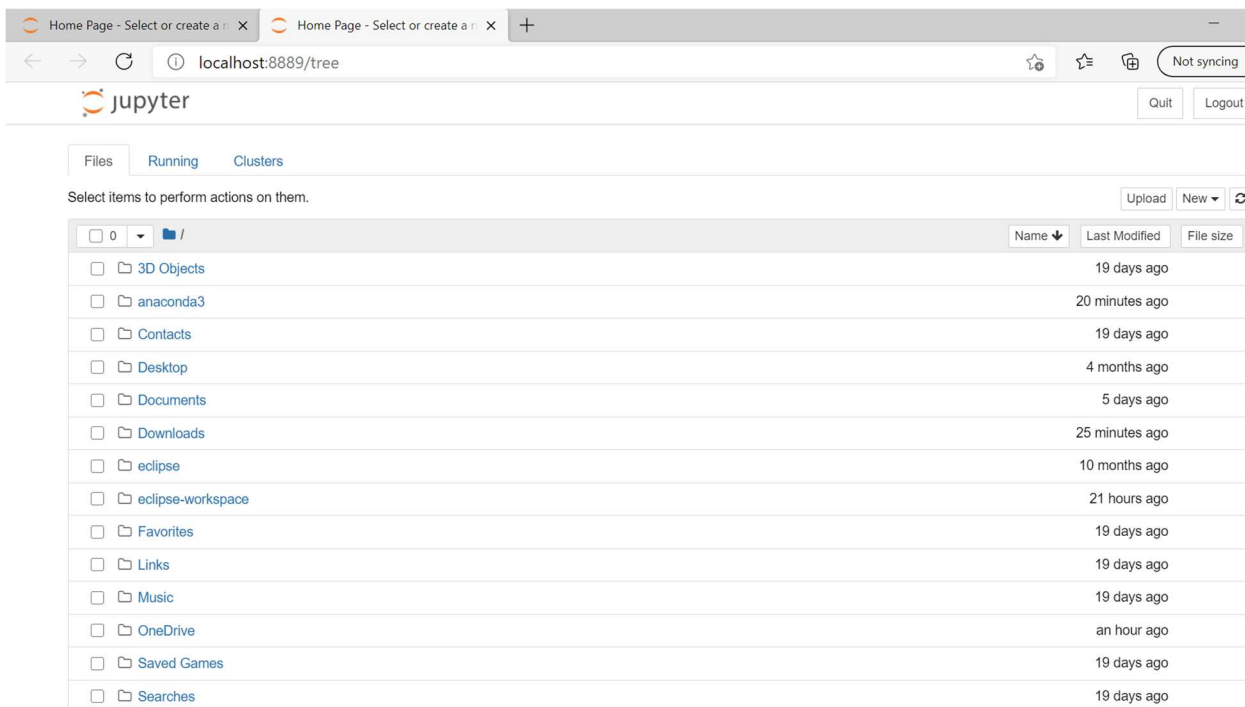
Cancel



The installation has been completed. Jupyter Notebook comes with Anaconda package so no need to download it separately. Now you can launch the Jupyter Notebook.



This will redirect you to browser as Jupyter is a web application.



You can create a new python file from top right corner as shown below

The screenshot displays the JupyterLab web interface. At the top, the 'jupyter' logo is on the left, and 'Quit' and 'Logout' buttons are on the right. Below the logo, there are tabs for 'Files', 'Running', and 'Clusters'. A message states 'Select items to perform actions on them.' To the right of this message are 'Upload', 'New', and a refresh icon. The 'New' dropdown menu is open, showing options: 'Notebook: Python 3' (highlighted), 'Other: Text File', 'Folder', and 'Terminal'. Below the menu, a list of files and folders is visible, including '3D Objects', 'anaconda3', 'Contacts', 'Desktop', 'Documents', 'Downloads', and 'eclipse', each with a checkbox and a timestamp. The main area shows a browser address bar with 'localhost:8889/notebooks/Untitled.ipynb?kernel_name=python3'. Below the browser bar is the JupyterLab header with the 'jupyter' logo, the title 'Untitled', and a status message 'Last Checkpoint: a minute ago (unsaved changes)'. On the right of the header are a Python logo, a 'Logout' button, and a 'Not syncing' indicator. Below the header is a menu bar with 'File', 'Edit', 'View', 'Insert', 'Cell', 'Kernel', 'Widgets', and 'Help'. Below the menu bar is a toolbar with icons for file operations, a 'Run' button, and a 'Code' dropdown. The main workspace contains a single code cell with the prompt 'In []:' and a text input field.