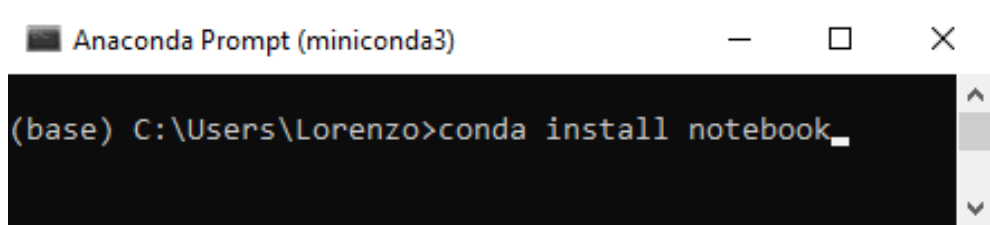
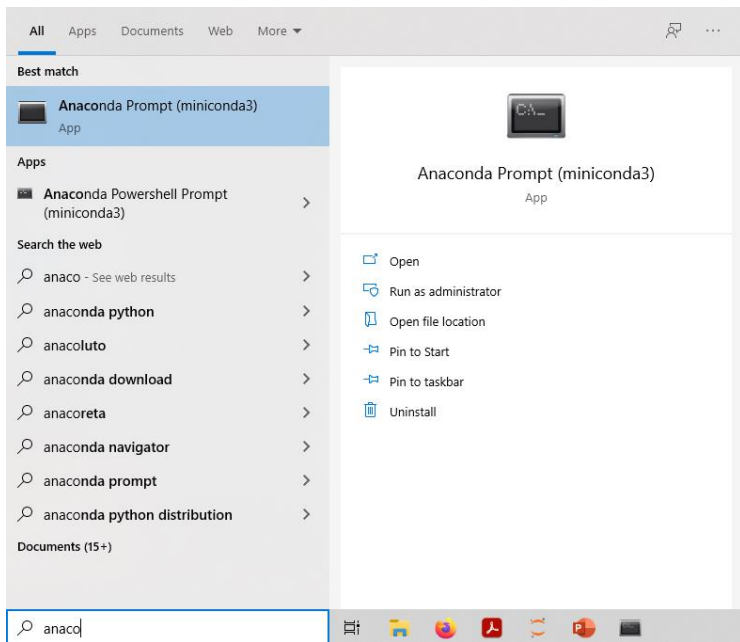


# Python Crash Course

## ■ Installing libraries

# Installing Python Libraries on conda

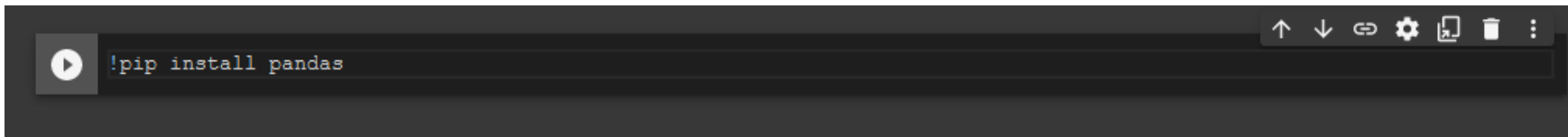
Open Anaconda Prompt and insert «conda install library». If conda does not find the library, use «pip install library».



**Trick:** the **first time** you launch the Anaconda prompt, insert “conda config --add channels conda-forge” without the quotation marks. This will add conda-forge as a default channel, allowing conda to find many more packages. Conda-forge is a trustworthy channel. Do not download packages from channels you do not trust.

## Installing Python Libraries on Google Colab

On [Google Colab](#), insert «!pip install library» without the quotation marks and replacing «library» with the library you want to install, then run the cell.



```
!pip install pandas
```



## Installing Python Libraries on Vanilla Python

### **On Mac:**

Launch Terminal and insert «pip3 install library» without the quotation marks and replacing «library» with the library you want to install, then run the cell.

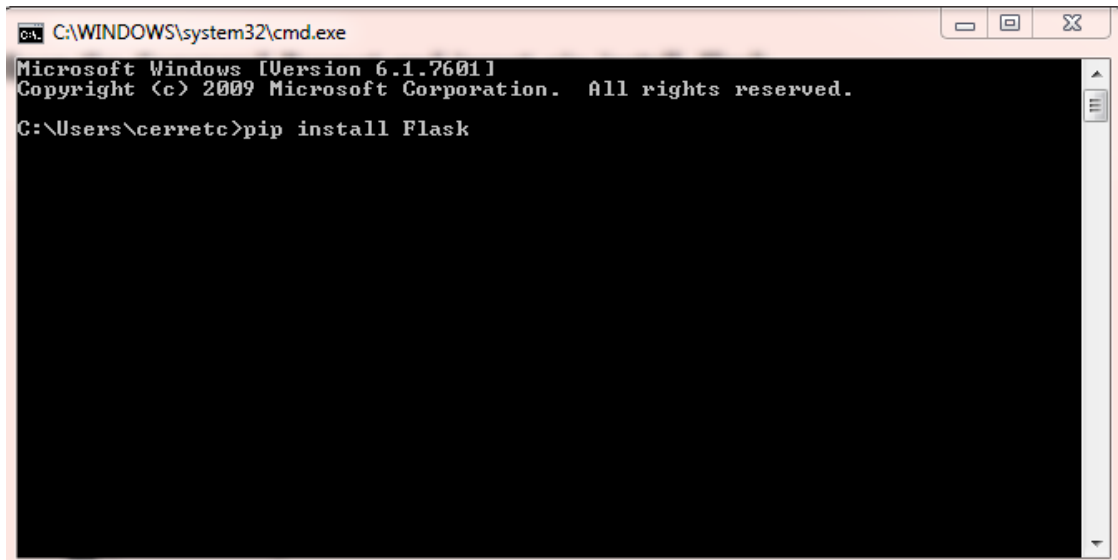
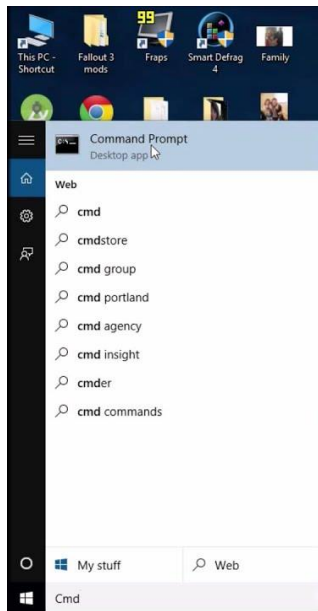
**WATCH OUT!**

Do NOT insert “pip install library”: you will install the library on Python 2!

# Installing Python Libraries on Vanilla Python

## On Windows:

Open the Command Prompt and insert “pip install library”. If you get an error message, follow the troubleshooting on the next slides.

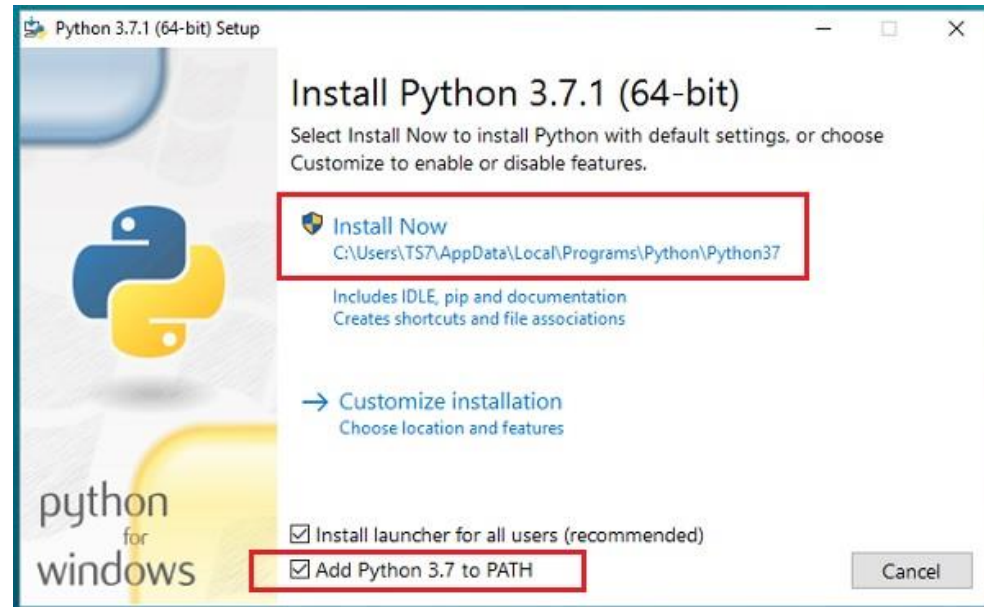


# Installing Python Libraries on Vanilla Python

**On Windows:** If you get an error message, Python has not been added to Environment Variables.

Follow **one** of the 3 possible solutions:

1. [Add Python to Environment Variables](#)
2. Clean Uninstall Python, Install again and while installing CHECK 'Add to PATH' like shown in picture
3. Follow the next slides

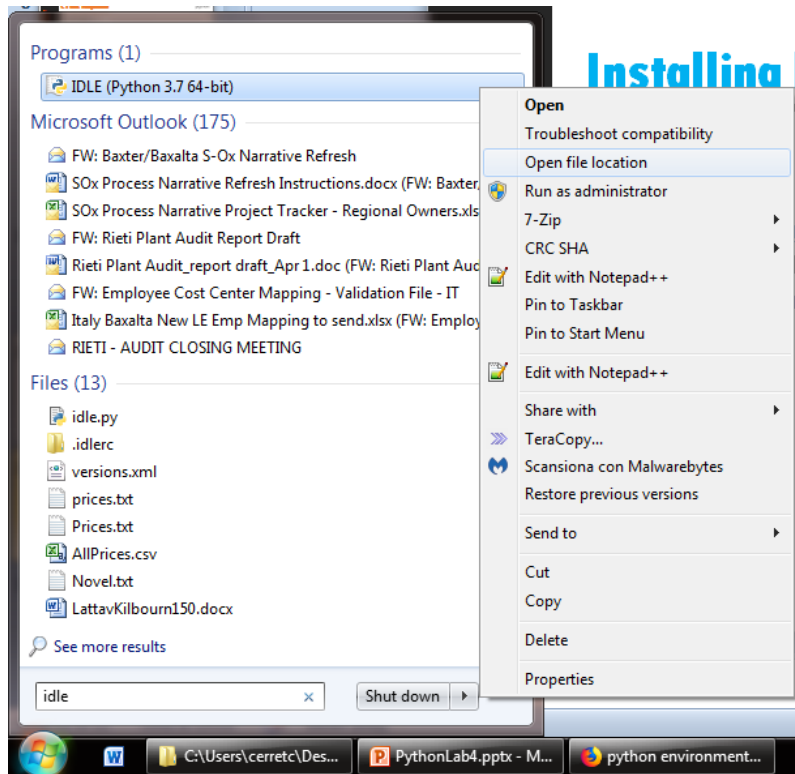


# Installing Python Libraries on Vanilla Python

**On Windows:** If you get an error message, and you follow solution 3.

## Step 1:

Open IDLE location

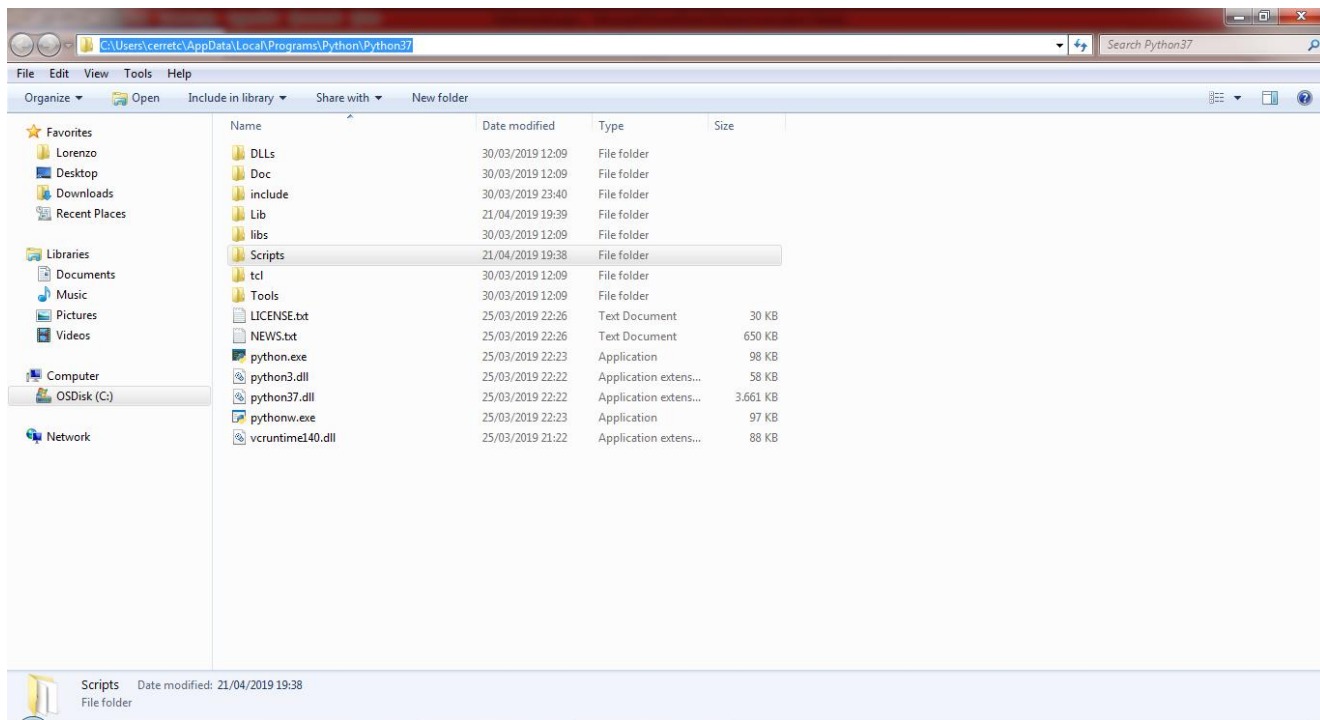


# Installing Python Libraries on Vanilla Python

**On Windows:** If you get an error message, and you follow solution 3.

## Step 2:

Copy IDLE's folder  
location



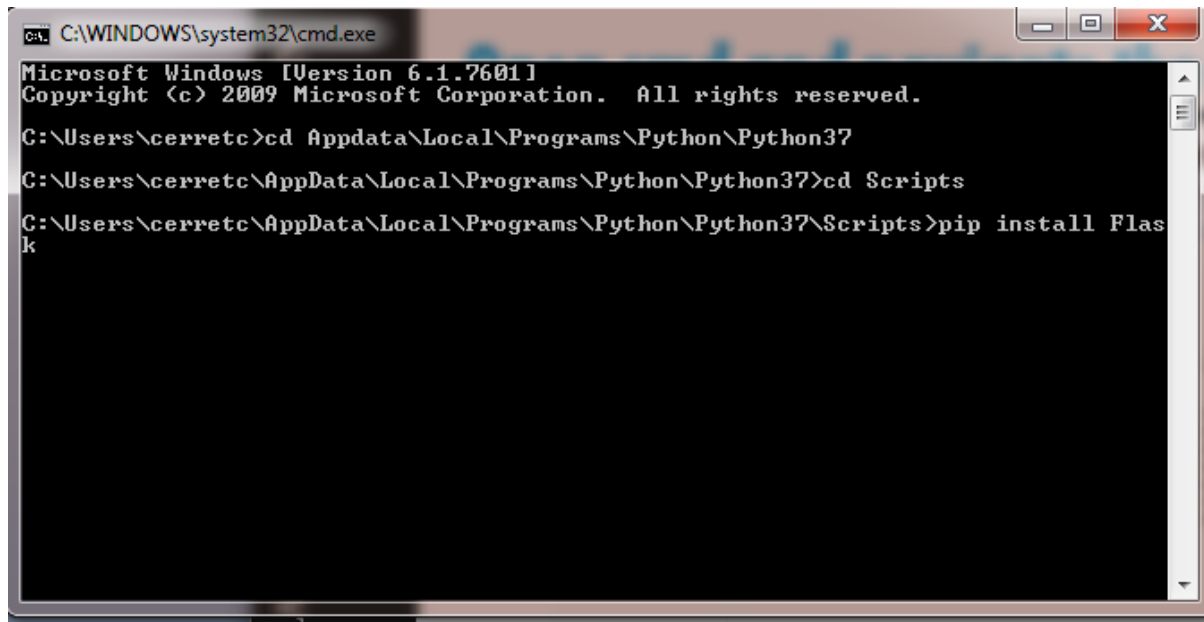


# Installing Python Libraries on Vanilla Python

**On Windows:** If you get an error message, and you follow solution 3.

## Step 3:

- Open CMD and insert “cd ” and then the path you copied.
- Insert “cd Scripts”.
- Insert “pip install library”



```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\cerretc>cd Appdata\Local\Programs\Python\Python37
C:\Users\cerretc\AppData\Local\Programs\Python\Python37>cd Scripts
C:\Users\cerretc\AppData\Local\Programs\Python\Python37\Scripts>pip install Flask
```