

Εγκατάσταση Python+ Anaconda



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About

Anaconda Distribution

Free Download

Everything you need to get started in data science on your workstation.

- ✓ Free distribution install
- ✓ Thousands of the most fundamental DS, AI, and ML packages
- ✓ Manage packages and environments from desktop application
- ✓ Deploy across hardware and software platforms



Code in the Cloud



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Get Additional Installers





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Welcome to Anaconda3 5.1.0 (64-bit) Setup

Setup will guide you through the installation of Anaconda3 5.1.0 (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

**License Agreement**

Please review the license terms before installing Anaconda3 5.1.0 (64-bit).

Press Page Down to see the rest of the agreement.

=====

Anaconda End User License Agreement

=====

Copyright 2015, Anaconda, Inc.

All rights reserved under the 3-clause BSD License:

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

If you accept the terms of the agreement, click I Agree to continue. You must accept the agreement to install Anaconda3 5.1.0 (64-bit).

Anaconda, Inc. _____

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I Agree

Cancel



Select Installation Type

Please select the type of installation you would like to perform for Anaconda3 5.1.0 (64-bit).

Install for:

☒ Just Me (recommended)

☐ All Users (requires admin privileges)

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Next >

Cancel

**Choose Install Location**

Choose the folder in which to install Anaconda3 5.1.0 (64-bit).

Setup will install Anaconda3 5.1.0 (64-bit) in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.

Destination Folder

C:\Users\MichaelGalarnyk\Anaconda3

Browse...

Space required: 2.5GB

Space available: 479.8GB

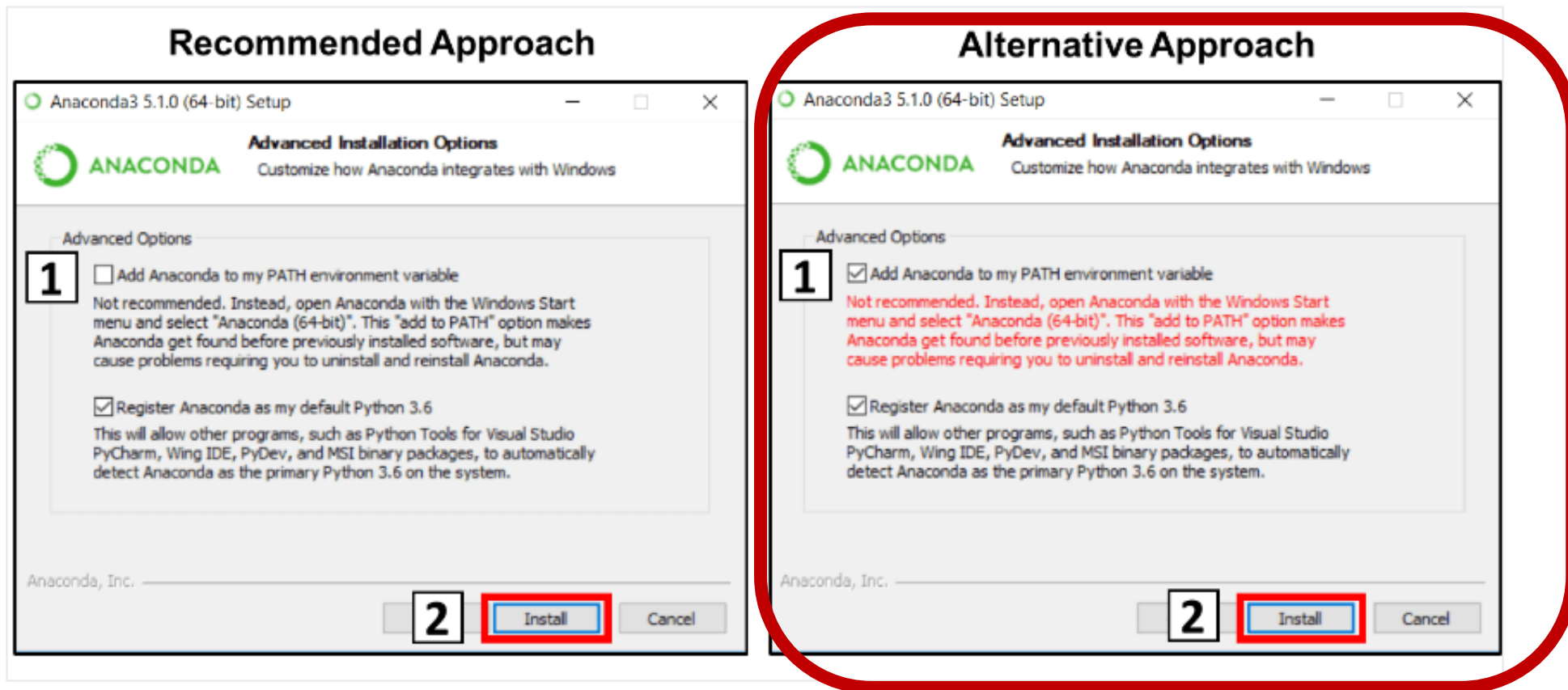
Anaconda, Inc.

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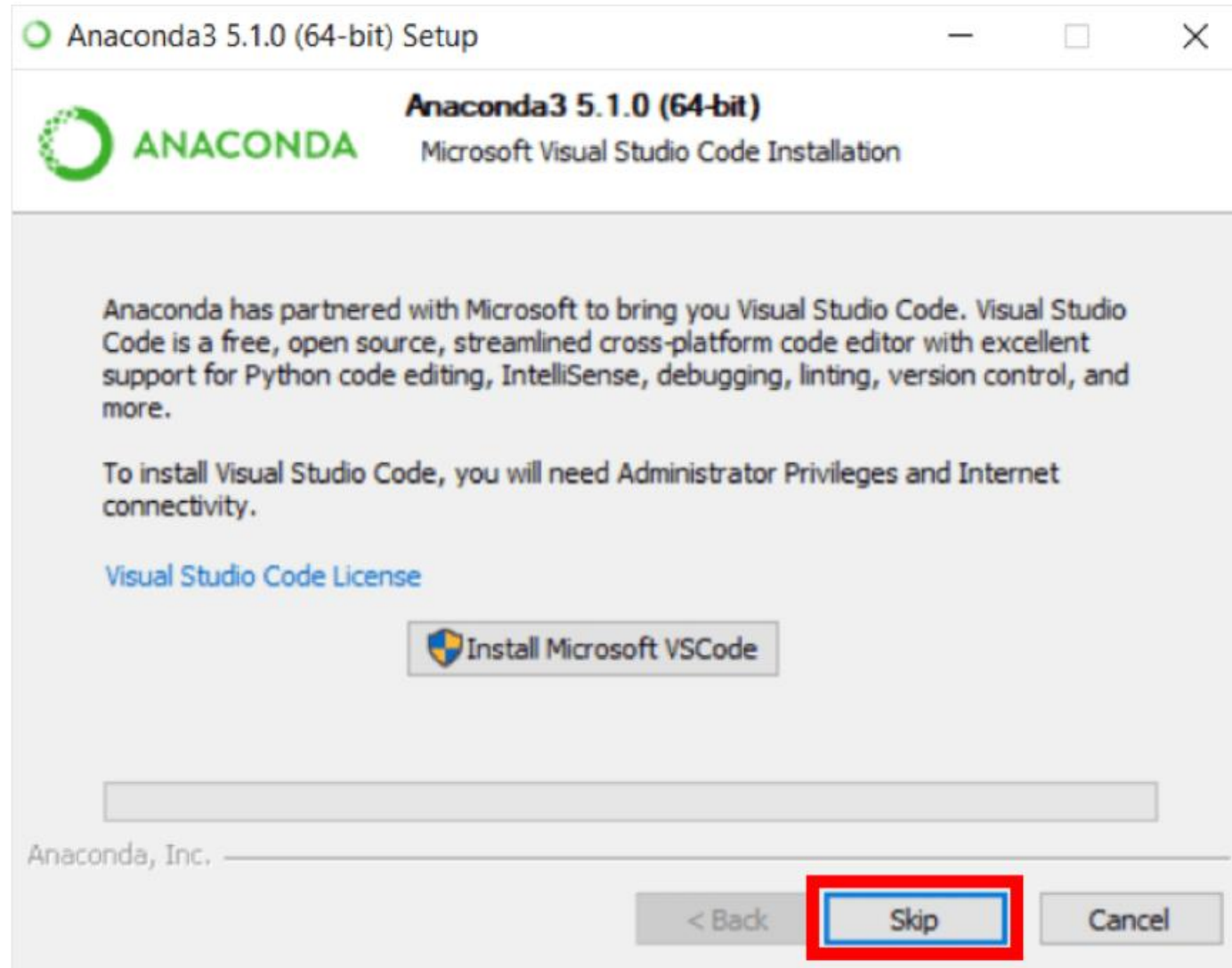
Next >

Cancel

Πολύ σημαντικό!!!



or you can install Microsoft VSCode if you wish, but it is optional.





Thanks for installing Anaconda3!

Anaconda is the most popular Python data science platform.

Share your notebooks, packages, projects and environments on Anaconda Cloud!

- ☒ Learn more about Anaconda Cloud
- ☒ Learn how to get started with Anaconda

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Finish

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Applications on

base (root)

Channels

Refresh



RStudio

1.1.456

A set of integrated tools designed to help you be more productive with R. Includes R essentials and notebooks.

Launch



Spyder

4.1.3

Scientific PYTHON Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features

Launch



Glueviz

0.15.2

Multidimensional data visualization across files. Explore relationships within and among related datasets.

Install



Orange 3

3.23.1

Component based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox.



VS Code

1.46.1

Streamlined code editor with support for development operations like debugging, task running and version control.

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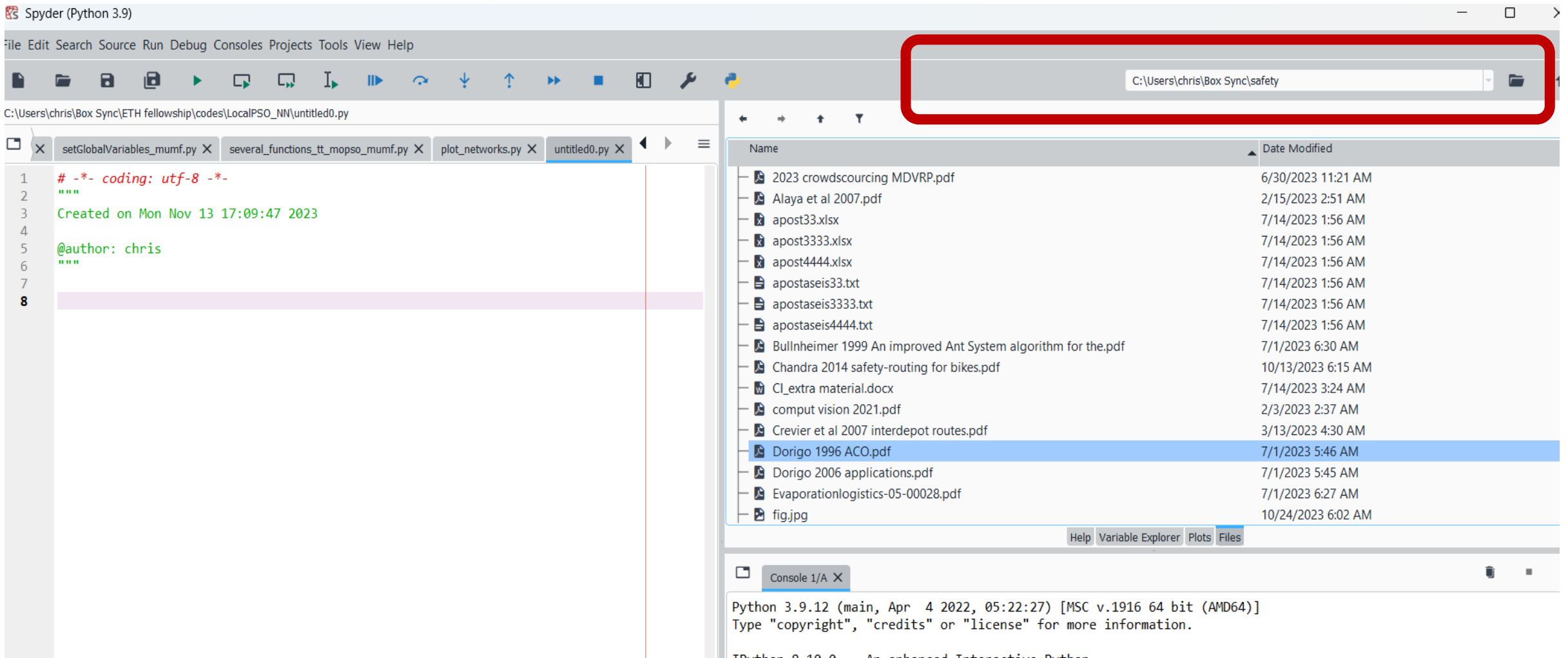


VS Code

1.46.1

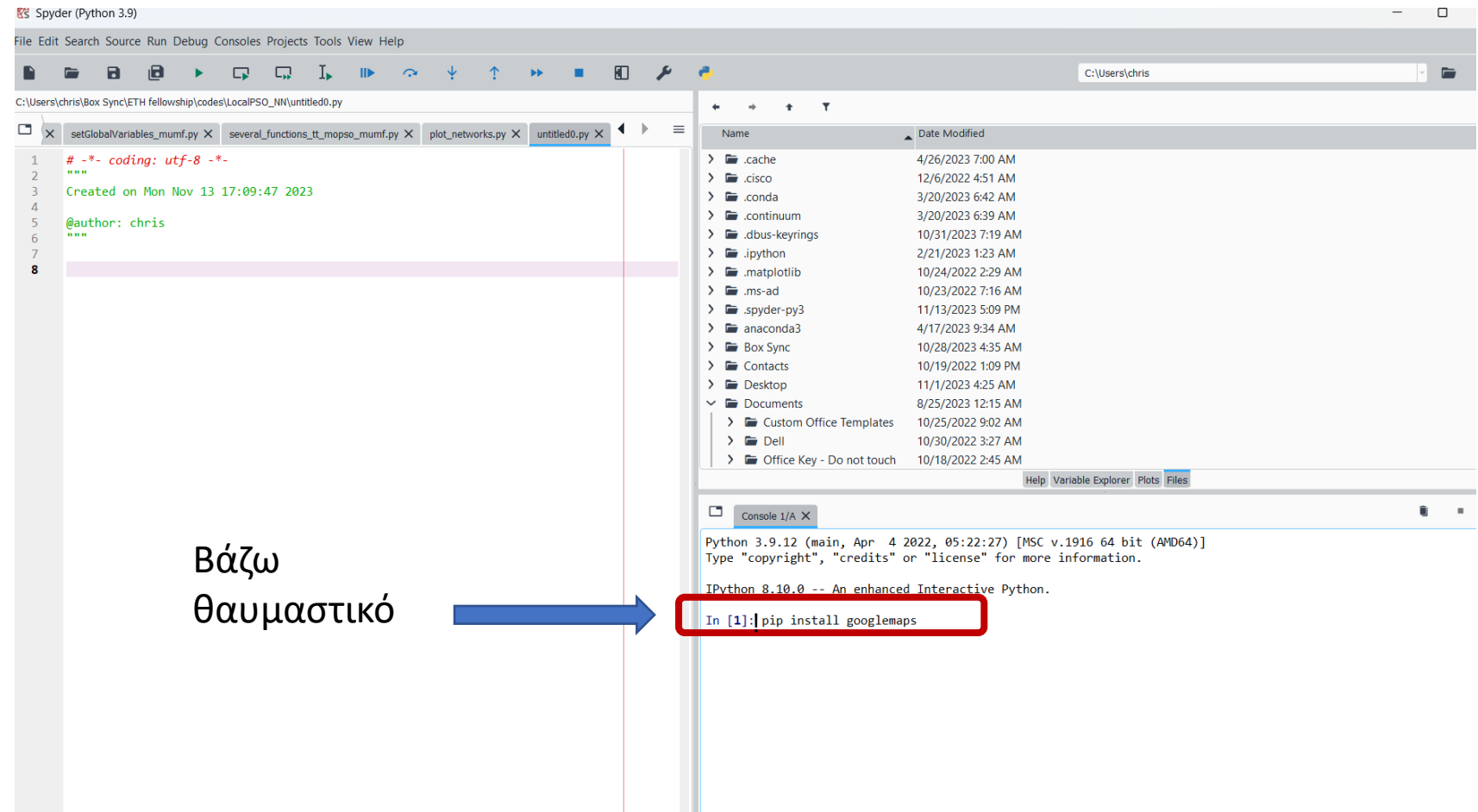
Streamlined code editor with support for development operations like debugging, task running and version control.

1. Από το anaconda θα εγκατασταθεί το spyder, η επιφάνεια εργασίας για την python.
2. Κατευθείαν θα ανοίγουμε το spyder πλέον. Το anaconda navigator δεν χρειάζεται να το ανοίγουμε κάθε φορά.
3. Από το spyder ορίζουμε ως directory το φάκελο που θα έχει όλα τα αρχεία που χρειάζεται για να τρέξει ο κώδικας, δηλ. τα αρχεία δεδομένων (πχ. csv, excel, txt κλ.) και τα script της python (με κατάληξη .py) που είναι τα αρχεία όπου γράφουμε τον κώδικα



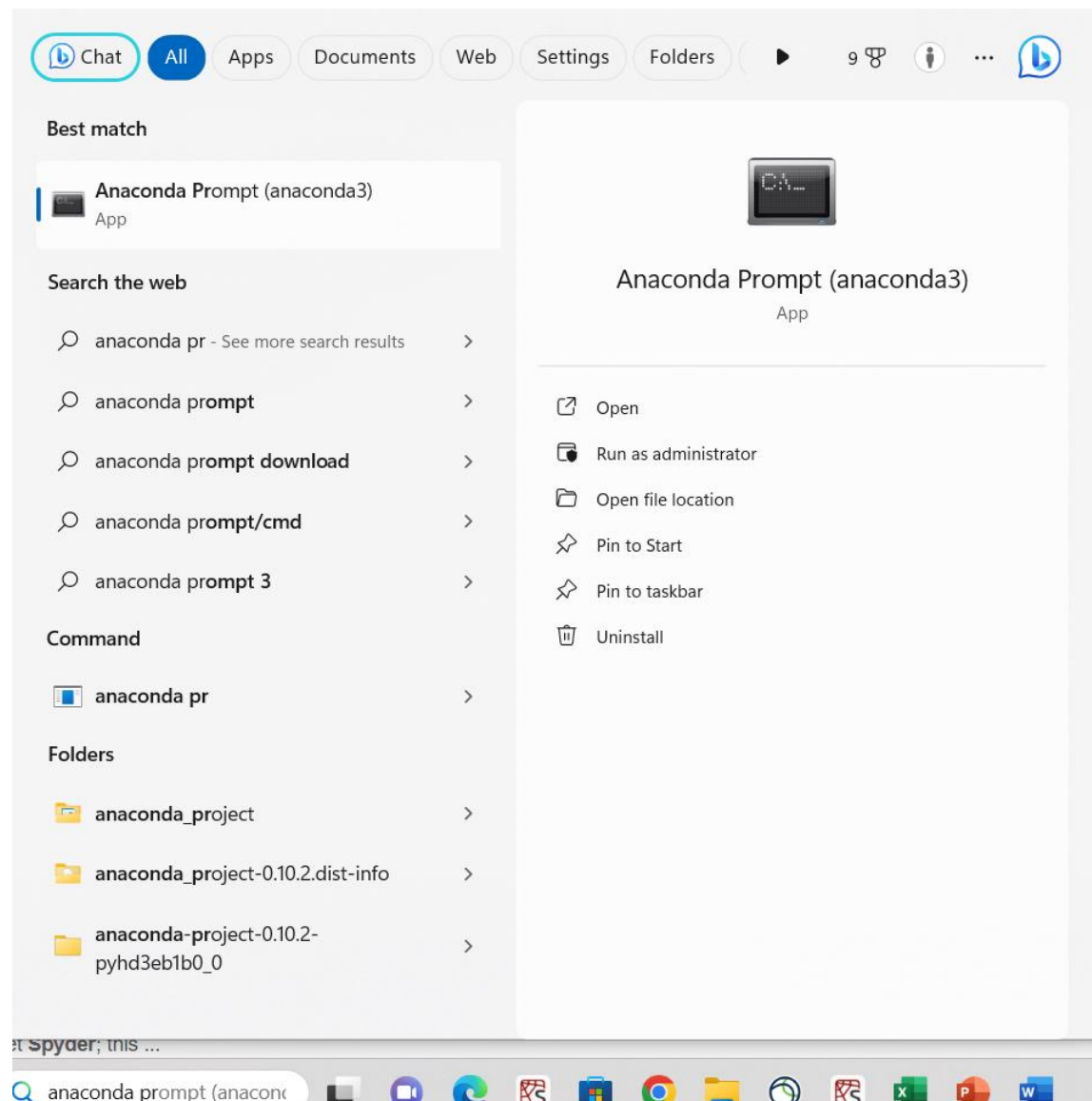
Εγκατάσταση πακέτων (1^{ος} τρόπος)

- Τα περισσότερα πακέτα, μπορώ να τα εγκαταστήσω μέσω του πακέτου `pip`
- Με `!pip install` μέσα στο `spyder` command line
- Π.χ. `Pip install googlemaps` και πατάω enter



Εγκατάσταση πακέτων (2^{ος} τρόπος)

- Από το pc ανοίγουμε το Anaconda prompt με search στο μενού
- Ψάχνουμε στο google “όνομα πακέτου” + conda install
- Βρίσκουμε έτσι τη σελίδα του πακέτου στο site anaconda.org



- Στο anaconda command prompt γράφουμε μία από τις εντολές που μας δίνει ως επιλογή στο site

ANACONDA.ORG Search Anaconda.org About Anaconda Help Download Anaconda Sign In Anaconda.org

conda-forge / packages / googlemaps 2.5.1

Python Client for Google Maps Services

Conda Files Labels Badges

License: Apache-2.0
Home: <https://github.com/googlemaps/google-maps-services-python>
Development: <https://github.com/googlemaps/google-maps-services-python>
Documentation: <https://github.com/googlemaps/google-maps-services-python>
29936 total downloads
Last upload: 6 years and 20 days ago

Installers

Info: This package contains files in non-standard labels.

noarch v2.5.1

conda install ?

To install this package run one of the following:

```
conda install -c conda-forge googlemaps  
conda install -c "conda-forge/label/cf201901" googlemaps  
conda install -c "conda-forge/label/cf202003" googlemaps  
conda install -c "conda-forge/label/gcc7" googlemaps
```

Ctrl+C
Ctrl+V στο
prompt!



Anaconda Prompt (anaconda: ×



```
(base) C:\Users\chris>conda install conda-forge::googlemaps|
```

Και πατάμε enter!

```
conda install conda-forge::googlemaps
```

Απορίες??

- Το google είναι φίλος μας!
- Το πιο πιθανό είναι ότι υπάρχουν 100 άλλοι με την ίδια απορία
- Κατά πάσα πιθανότητα η λύση είναι εδώ :
- **<https://stackoverflow.com/>**