

- Python基礎1、2



Anaconda のインストール

<https://www.anaconda.com/products/individual>



Products

こちらの URL
にアクセスします。



Individual Edition

anaconda Installers

Window 10が64 bitか
Window 10が32 bitか
によりどちらかを
選択

Windows 🪟

Python 3.7

64-Bit Graphical Installer (466 MB)

32-Bit Graphical Installer (423 MB)

Python 2.7

64-Bit Graphical Installer (413 MB)

32-Bit Graphical Installer (356 MB)

MacOS 🍏

Python 3.7

64-Bit Graphical Installer (442 MB)

64-Bit Command Line Installer (430 MB)

Python 2.7

64-Bit Graphical Installer (637 MB)

64-Bit Command Line Installer (409 MB)

Linux 🐧

Python 3.7

64-Bit (x86) Installer (522 MB)

64-Bit (Power8 and Power9) Installer (276 MB)

Python 2.7

64-Bit (x86) Installer (477 MB)

64-Bit (Power8 and Power9) Installer (295 MB)

Anaconda Installers

Windows

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Anaconda3-2020.02-Windows-x86_64.exe (466 MB) について行う操作を選んでください。
場所: repo.anaconda.com

実行

保存

↑

キャンセル

×

Anaconda3 2020.02 (64-bit) Setup



Welcome to Anaconda3 2020.02 (64-bit) Setup

Setup will guide you through the installation of Anaconda3 2020.02 (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

Anaconda3 2020.02 (64-bit) Setup



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Cancel

Anaconda3 2020.02 (64-bit) Setup



Select Installation Type

Please select the type of installation you would like to perform for Anaconda3 2020.02 (64-bit).

Install for:

Just Me (recommended)

All Users (requires admin privileges)

Anaconda, Inc.

< Back

Next >

Cancel

Anaconda3 2020.02 (64-bit) Setup



Choose Install Location

Choose the folder in which to install Anaconda3 2020.02 (64-bit).

Setup will install Anaconda3 2020.02 (64-bit) in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.

Destination Folder

D:\Users\1139976210460\Anaconda3

Browse...

Space required: 3.0GB

Space available: 22.2GB

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< Back

Next >

Cancel

Anaconda3 2020.02 (64-bit) Setup



Advanced Installation Options

Customize how Anaconda integrates with Windows

Advanced Options

Add Anaconda3 to my PATH environment variable

Not recommended. Instead, you can add Anaconda3 to 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 Anaconda3 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

Anaconda3 2020.02 (64-bit) Setup



Advanced Installation Options

Customize how Anaconda integrates with Windows

Advanced Options

Add Anaconda3 to my `PATH` environment variable

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Install

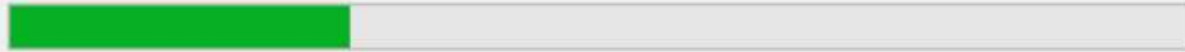
Cancel

Anaconda3 2020.02 (64-bit) Setup



Installing

Please wait while Anaconda3 2020.02 (64-bit) is being installed.



Show details

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< Back

Next >

Cancel

Anaconda3 2020.02 (64-bit) Setup



Installation Complete

Setup was completed successfully.

Completed



Show details

Anaconda, Inc.

< Back

Next >

Cancel

Anaconda3 2020.02 (64-bit) Setup



Anaconda3 2020.02 (64-bit)

Anaconda + JetBrains

Anaconda and JetBrains are working together to bring you Anaconda-powered environments tightly integrated in the PyCharm IDE.

PyCharm for Anaconda is available at:

<https://www.anaconda.com/pycharm>



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Next >

Cancel

Anaconda3 2020.02 (64-bit) Setup

Completing Anaconda3 2020.02 (64-bit) Setup

Thank you for installing Anaconda Individual Edition.

Here are some helpful tips and resources to get you started.
We recommend you bookmark these links so you can refer
back to them later.

Anaconda Individual Edition Tutorial

Learn More About Anaconda



< Back

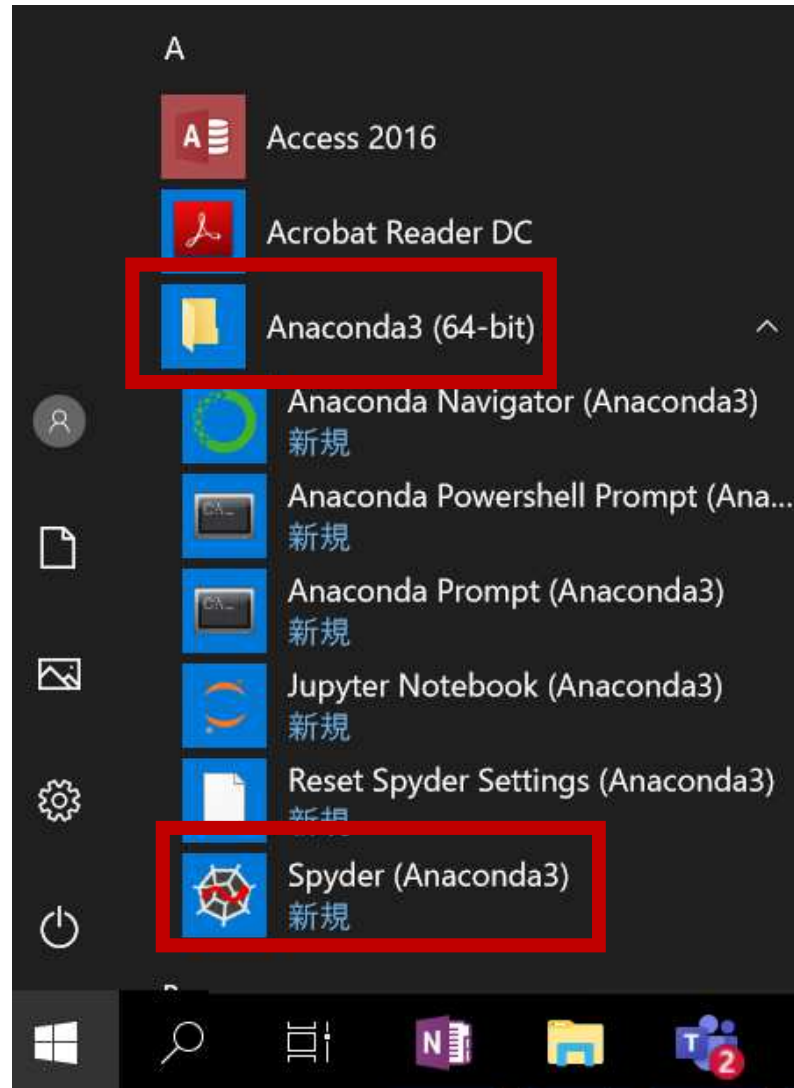
Finish

Cancel

■ Spyder を起動します

- Anacondaのインストールが終わったら、Spyderを起動します。
- その後、Spyder が正しく実行できるかどうか、次ページからの手順を確認してください。






```

1  # -*- coding: utf-8 -*-
2  """
3  Spyderエディタ
4  これは一時的なスクリプトファイルです。
5  """
6
7  print(10 + 20)
8

```

Spyderアップデート

Spyder 4.1.3 が利用できます!

パッケージマネージャーでSpyderをアップデートするか、webの [リリース](#) ページで新しいバージョンをダウンロードして下さい。

アップデート方法が良くわからない場合は [インストールガイド](#)を参照して下さい

起動時に更新をチェック

OK

表示された
ダイアログは
すべて閉じます

to get help of any object by
+! in front of it, either on the
Console.

to be shown automatically
a left parenthesis next to an

ローラー ヘルプ プロット ファイル

, Jan 8 2020, 20:23:39) [MSC v.
redits" or "license" for more
enhanced Interactive Python.

In [1]:

```
1 # -*- coding: utf-8 -*-
2 """
3 Spyderエディタ
4
5 これは一時的なスクリプトファイルです。
6 """
7 print(10 + 20)
8
```

print(10 + 20)
と入力

使用法

Here you can get help of any object by pressing **Ctrl+H** in front of it, either on the Editor or the Console.

Help can also be shown automatically after writing a left parenthesis next to an

変数エクスプローラー ヘルプ プロット ファイル

```
Python 3.7.6 (default, Jan 8 2020, 20:23:39) [MSC v.
1916 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more
information.

IPython 7.12.0 -- An enhanced Interactive Python.

In [1]:
```

```

1 # -*- coding: utf-8 -*-
2 """
3 Spyder
4
5 これは一時的なファイルです。
6 """
7 print(10 + 20)
8

```

[実行]
をクリック

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使用法

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変数エクスプローラー ヘルプ プロット ファイル

Typ... " or "license" for more

In [2]:

```

In [1]: print('D:/Users/1139976210460/.spyder-py3/temp.py', wdir='D:/Users/1139976210460/.spyder-py3')
30

```

In [2]:

「30」と表示
されればOK

データのダウンロード

Spyderの動作確認が終わったら、研修に必要な以下のデータをダウンロードしてください。

データ分析のためのPython基礎1

<https://nmptrainingdata.blob.core.windows.net/python/data.zip>

URL はすべて小文字で入力してください。ダウンロードした圧縮ファイルは、解凍するために以下のパスワードが必要です。パスワードは「**qzuipo**」です。

データ分析のためのPython基礎2

<https://nmpdbtrainingdata.blob.core.windows.net/db375/pywork2.zip>

URL はすべて小文字で入力してください。ダウンロードした圧縮ファイルは、解凍するために以下のパスワードが必要です。パスワードは「**NMPDAPY0712A1**」です。

