PYTHON入門 (JUPYTER NOTEBOOK入門)

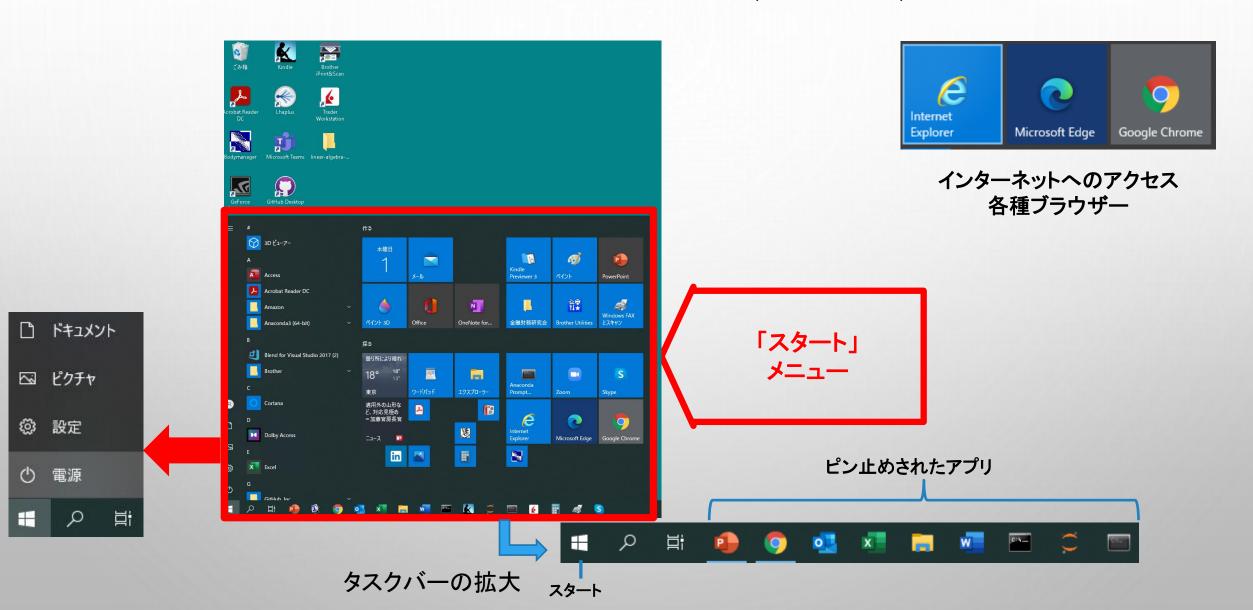
金融財務研究会

2021年4月2日

森谷博之

QUASARS22 PRIVATE HMITED

WINDOWS 10の基礎の基礎

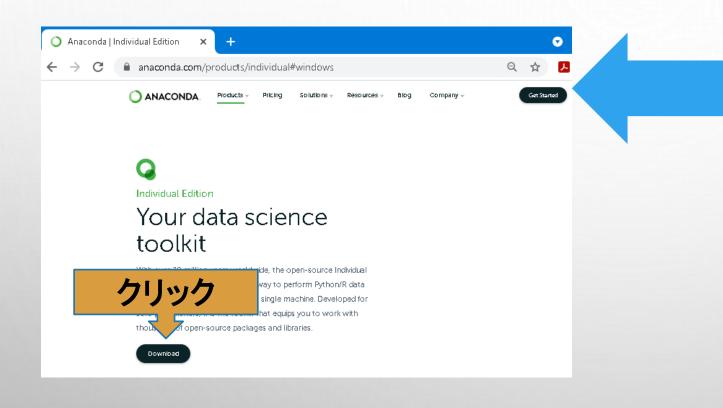


ANACONDAのインストール WINDOWS10

クリック

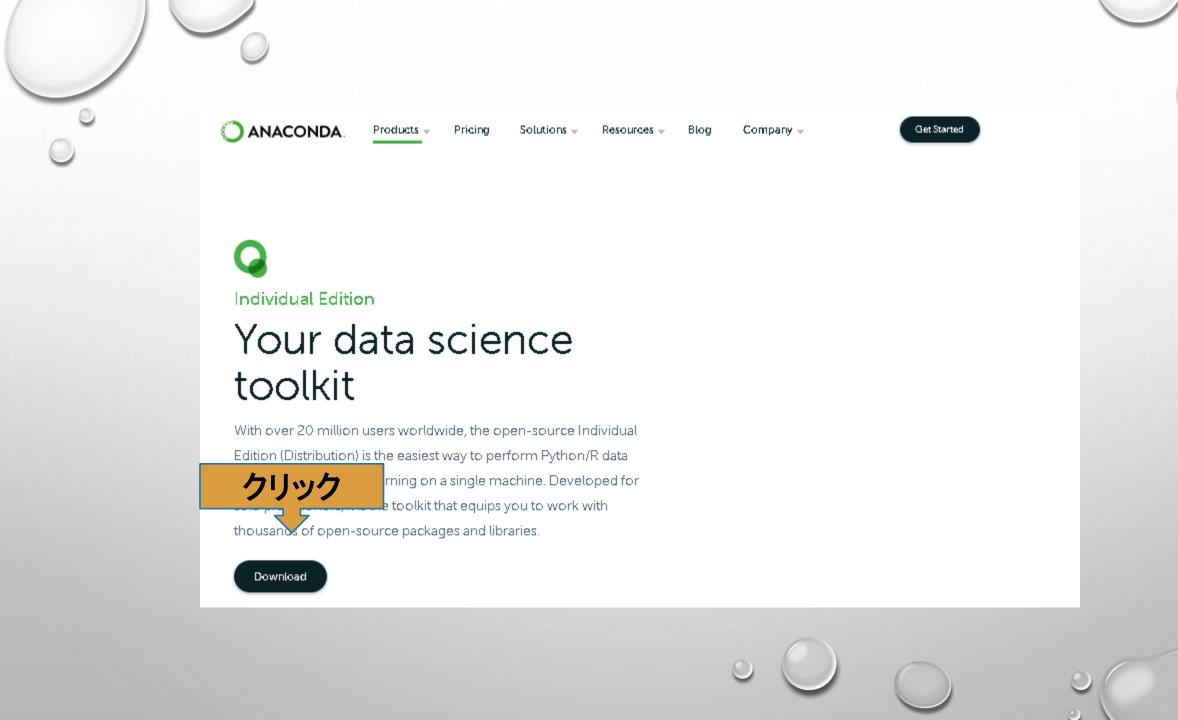
• HTTPS://WWW.ANACONDA.COM/PRODUCTS/INDIVIDUAL#WINDOWS

ANACONDAのインストール WINDOWS10





インターネットへのアクセス 各種ブラウザー





Anaconda Installers

Windows 👪

クリック

Python 3.8

64-Bit Graphical Installer (457 MB)

32-Bit Graphical Installer (403 MB)

MacOS 🐇

Python 3.8

64-Bit Graphical Installer (435 MB)

64-Bit Command Line Installer (428 MB)

Linux 🔕

Python 3.8

64-Bit (x86) Installer (529 MB)

64-Bit (Power8 and Power9) Installer (279 MB)

ADDITIONAL INSTALLERS

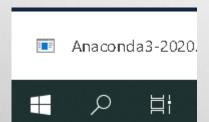
The archive has older versions of Anaconda Individual Edition installers. The Miniconda installer homepage can be found here.



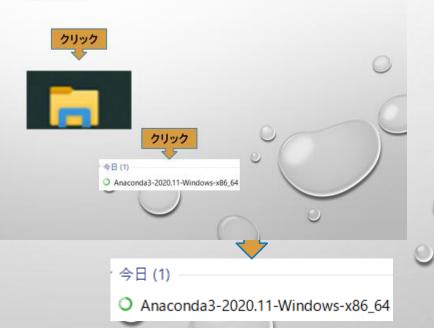
JUPYTER NOTEBOOKのインストール

クリック

ブラウザーの左下のタグをクリックするかエクスプローラーの ダウンロードフォルダーーを開きます。

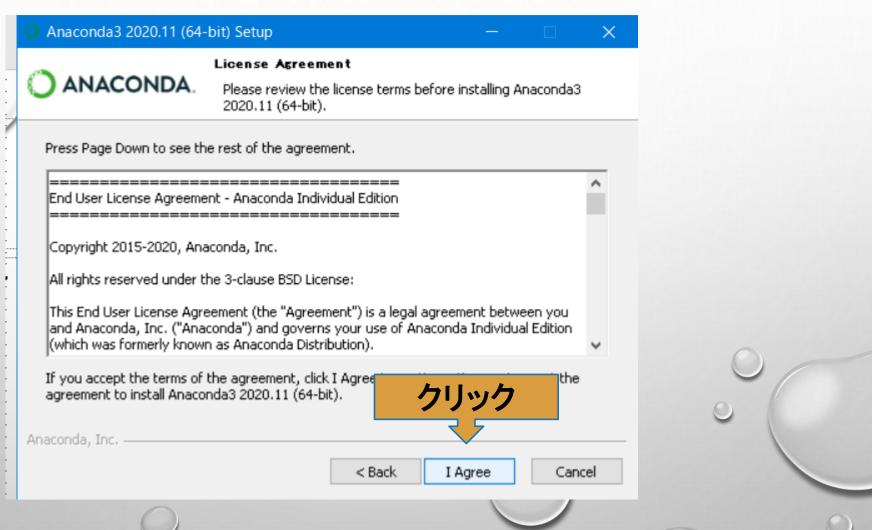


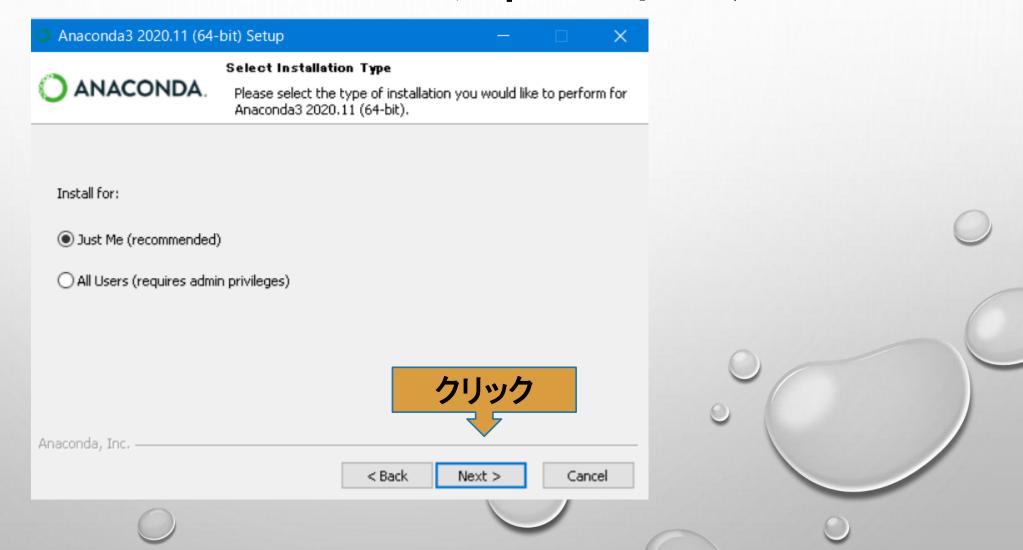


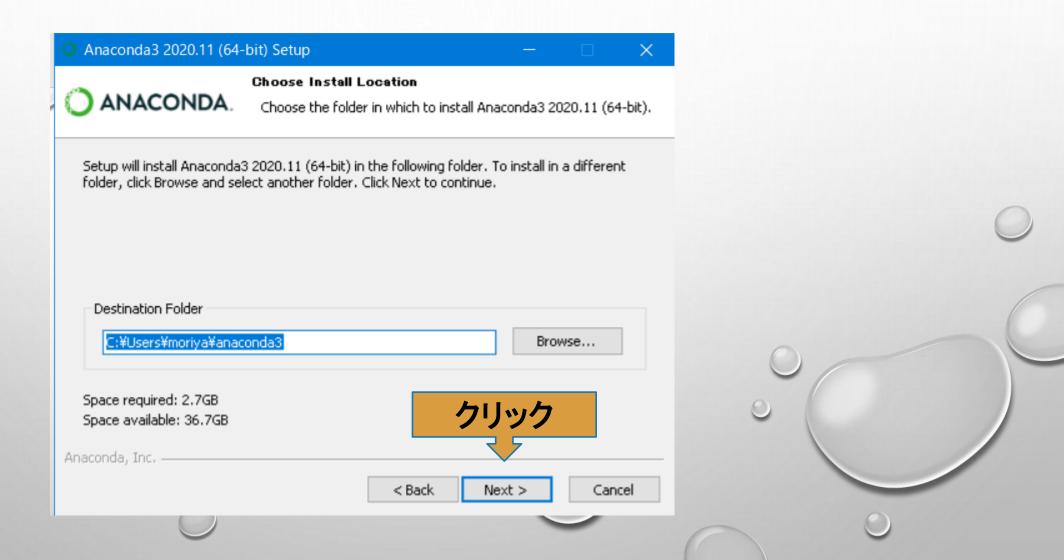


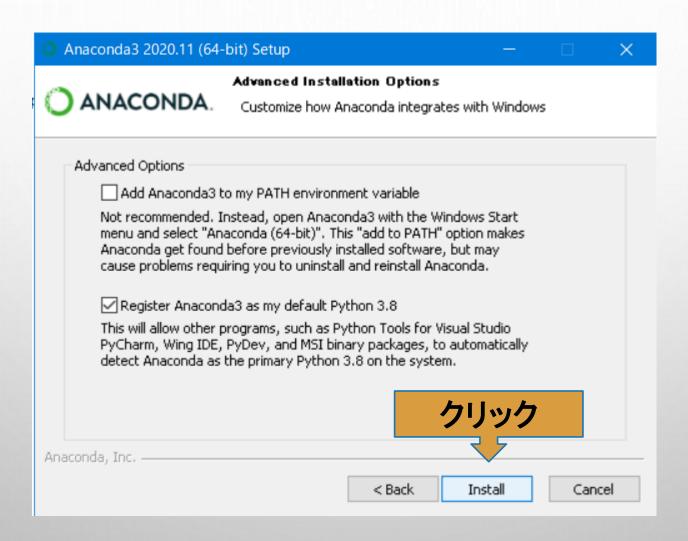


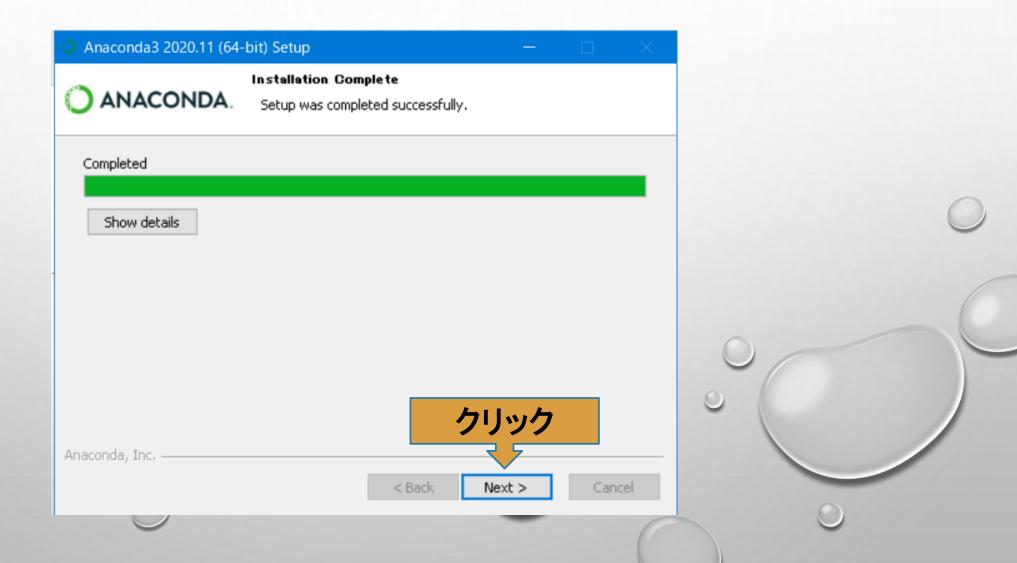


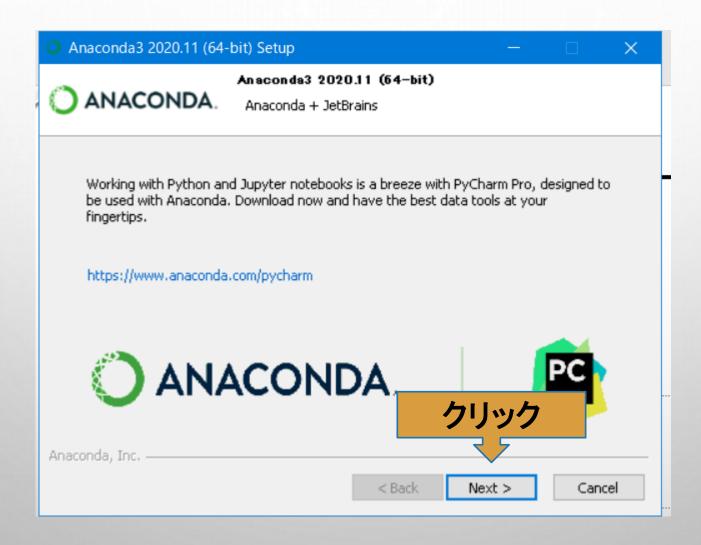


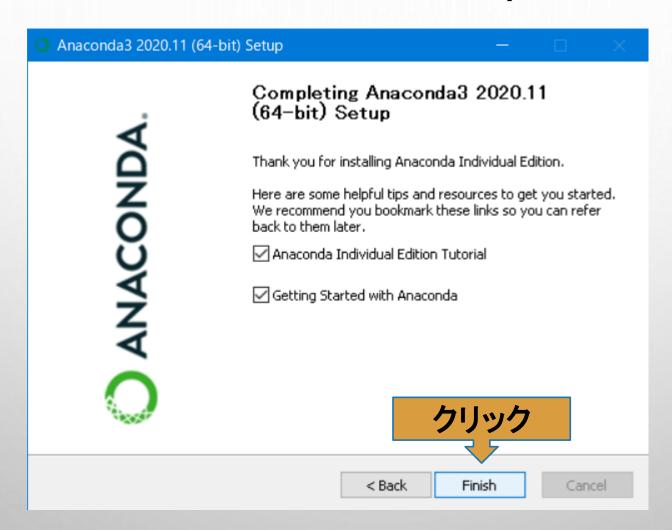












追加のインストール

HTTPS://PANDAS-DATAREADER.READTHEDOCS.IO/EN/LATEST/#

pandas-datareader

Version: 0.9.0rc1 (+2, 427f658) Date: July 7, 2020

Up to date remote data access for pandas, works for multiple versions of pandas.

Quick Start¶

Install using pip

pip install pandas-datareader

and then import and use one of the data readers. This example reads 5-years of 10-year constant maturity yields on U.S. government bonds.

import pandas_datareader as pdr
pdr.get_data_fred('GS10')

```
入力 [27]: Xmatplotlib inline
            import matplotlib.pyplot as plt
            import pandas_datareader as web
           ts = web.DataReader("NIKKEI225",'fred')
           ts.plot()
出力[27]: <AxesSubplot:xlabel='DATE'>
             30000
                                                          NIKKEI225
             28000
             26000
             24000
             22000
             20000
            18000
            16000
                         2017
                                   2018
                                             2019
                                                      2020
                                                                2021
                                         DATE
```