#### Python気象データ分析体験セミナー

# Anaconda 環境構築マニュアル

岐阜大学工学部附属応用気象研究センター

## Anacondaのダウンロード

#### https://www.anaconda.com/distribution/



The open-source Anaconda Distribution is the easiest way to perform Python/R data science and machine learning on Linux, Windows, and Mac OS X. With over 15 million users worldwide, it is the industry standard for developing, testing, and training on a single machine, enabling *individual data scientists* to:

- Quickly download 1,500+ Python/R data science packages
- Manage libraries, dependencies, and environments with Conda
- Develop and train machine learning and deep learning models with scikitlearn, TensorFlow, and Theano
- Analyze data with scalability and performance with Dask, NumPy, pandas, and Numba
- Visualize results with Matplotlib, Bokeh, Datashader, and Holoviews



🕊 Windows 🛛 🧯 macOS 🛛 🔬 Linux

## Anacondaのダウンロード

https://www.anaconda.com/distribution/

	#download-section			û 🛛 🖉 🖉 W (	9 & b
	<b>4</b> w	/indows 🤅 macOS	🗴 Linux		
	Anaconda	2019.10 for Windo	ows Installer		
	Python 3.7 version		Python 2.7 version	on	
	64-Bit Graphice Uler (462 MB) 32-Bit Grave (410 MB)		64-Bit Graphical Installer (413 N 32-Bit Graphical Installer (356 N	B) 1B)	
Python3.	7の方をダウン	ロードする.	Distribution		
	Get Started	a with Anaconda	Distribution		
Documentation	Anaconda Blog	Community Support	Anaconda Webinars	Anaconda Training	
Documentation Installation and u	Anaconda Blog Iser News, software	Community Support Solutions and	Anaconda Webinars Industry trends and	<b>Anaconda Training</b> Learn Python for Data	
<b>Documentation</b> Installation and u guide for Anacor	Anaconda Blog Iser News, software Ida releases, and	Community Support Solutions and knowledge from the	Anaconda Webinars Industry trends and tutorials from	<b>Anaconda Training</b> Learn Python for Data Science with	
<b>Documentation</b> Installation and u guide for Anacor Distribution 5	Iser News, software Ida releases, and developer best	<b>Community Support</b> Solutions and knowledge from the community	Anaconda Webinars Industry trends and tutorials from Anaconda	<b>Anaconda Training</b> Learn Python for Data Science with DataCamp	
<b>Documentation</b> Installation and u guide for Anacon Distribution 5	Iser News, software nda releases, and developer best practices	Community Support Solutions and knowledge from the community	Anaconda Webinars Industry trends and tutorials from Anaconda	Anaconda Training Learn Python for Data Science with DataCamp	

## Anacondaのダウンロード

#### https://www.anaconda.com/distribution/



Anaconda 2019.10 for Windows Installer Python 3.7 version しwindod 64.Bit Graphical Installer (452 MB) 3.2Bit Graphical Installer (410 MB) 3.2Bit Graphical Installer (410 MB) 3.2Bit Graphical Installer (356 MB)	Anaconda 2019.10 for Windows Installer Python 3.7 version Dvmod 64-Bit Graphical Installer (452 MB) 32-Bit Graphical Installer (462 MB) 32-Bit Graphical Installer (410 MB) ウンロードが完了したら、 Started With Anaconda Distribution Dvmod Distribution	4	Windows discussion was discussed as a macOS discussion of the macOS discussion	🗴 Linux	 		
Python 3.7 version Python 2.7 version   Download Download   64-Bit Graphical Installer (462 MB) 64-Bit Graphical Installer (413 MB)   32-Bit Graphical Installer (410 MB) 32-Bit Graphical Installer (356 MB)   ウンロードが完了したら、 Ext Started with Apacenda Distribution	Python 3.7 version Python 2.7 version   Download 04-Bit Graphical Installer (462 MB) 04-Bit Graphical Installer (413 MB)   32-Bit Graphical Installer (410 MB) 04-Bit Graphical Installer (356 MB)   ウンロードが完了したら、 Contract Eline Get Started with Anaconda Distribution   リンロードが完了したら、 の力してインストーラーを実行する。 Anconda Eline	Anaconda	a 2019.10 for Windo	ows Installer			
64-Bit Graphical Installer (462 MB) 64-Bit Graphical Installer (413 MB)   32-Bit Graphical Installer (410 MB) 32-Bit Graphical Installer (356 MB)   ウンロードが完了したら、 Cet Started with Anaconda Distribution	Contract Contract   64-Bit Graphical Installer (462 MB) 64-Bit Graphical Installer (413 MB)   32-Bit Graphical Installer (410 MB) 32-Bit Graphical Installer (356 MB)   ウンロードが完了したら、 Contract   いクレードが完了したら、 Contract   いクしてインストーラーを実行する。 Contract   Documentation Contract   Documentation Contract	Python 3.7 versio	n	Python 2.7 version			
フンロードが完了したら、	ンロードが完了したら、 Get Started with Anaconda Distribution ックしてインストーラーを実行する。	64-Bit Graphical Installer (462 ME 32-Bit Graphical Installer (410 ME	3) 3)	64-Bit Graphical Installer (413 MB) 32-Bit Graphical Installer (356 MB)			





O Anaconda3 2019.1	0 (64-bit) Setup				
	License Agreement				
	A Please review the license terms before installing Anaconda3 2019. 10 (64-bit).				
Press Page Down to se	ee the rest of the agreement.				
Anaconda End User Li	cense Agreement				
Copyright 2015, Anac	onda, Inc.				
All rights reserved und	der 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 2019.10 (64-bit).					
Anaconda, Inc. ———					
	< Back I Agree Cancel				

ソフトウェア利用許諾契約について 「lagree」を選びます。

O Anaconda3 2019.10 (6	4-bit) Setup		1
	Select Installation Type Please select the type of insta Anaconda3 2019.10 (64-bit).	allation you would like to perform for	
Install for: Just Me (recommended) All Users (requires admi	) n privileges)	①このコンピ 自分だけなら	ュータを使っているのか ばこちらを選ぶ。
Anaconda, Inc	< Back	Next > Cancel	
		 次へ	

Anaconda3 2019.10 (64-bit) Setup	
Choose Install Location Choose the folder in which to install Anaconda3 2019.10 (64-bit).	
Setup will install Anaconda3 2019. 10 (64-bit) in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.    Destination Folder Image: C:¥Users¥jyoshino¥Anaconda3   Space required: 2.9GB Space available: 15.3GB   Anaconda, Inc. Image: Anaconda	①インストール先を選ぶ。 特に問題がなければ このままでOK。
< Back Next > Cancel	
次へ	





インストール完了までしばらく待ちます。



インストールは完了です。次へ。



インストールは完了です。次へ。



## Spyderの起動



②Spyderを起動します



①Windowsのスタートボタンから