

# Blockchain Workshop

Learn Blockchain by Building One

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# Tools and Requirements

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Anaconda



Flask



Flask

Postman



# Anaconda

1 Go to the link: <https://www.anaconda.com/products/individual>



Individual Edition

## Your data science toolkit

With over 20 million users worldwide, the open-source Individual Edition (Distribution) is the easiest way to perform Python/R data science and machine learning on a single machine. Developed for solo practitioners, it is the toolkit that equips you to work with thousands of open-source packages and libraries.

2

Download



## Anaconda Installers

### 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)

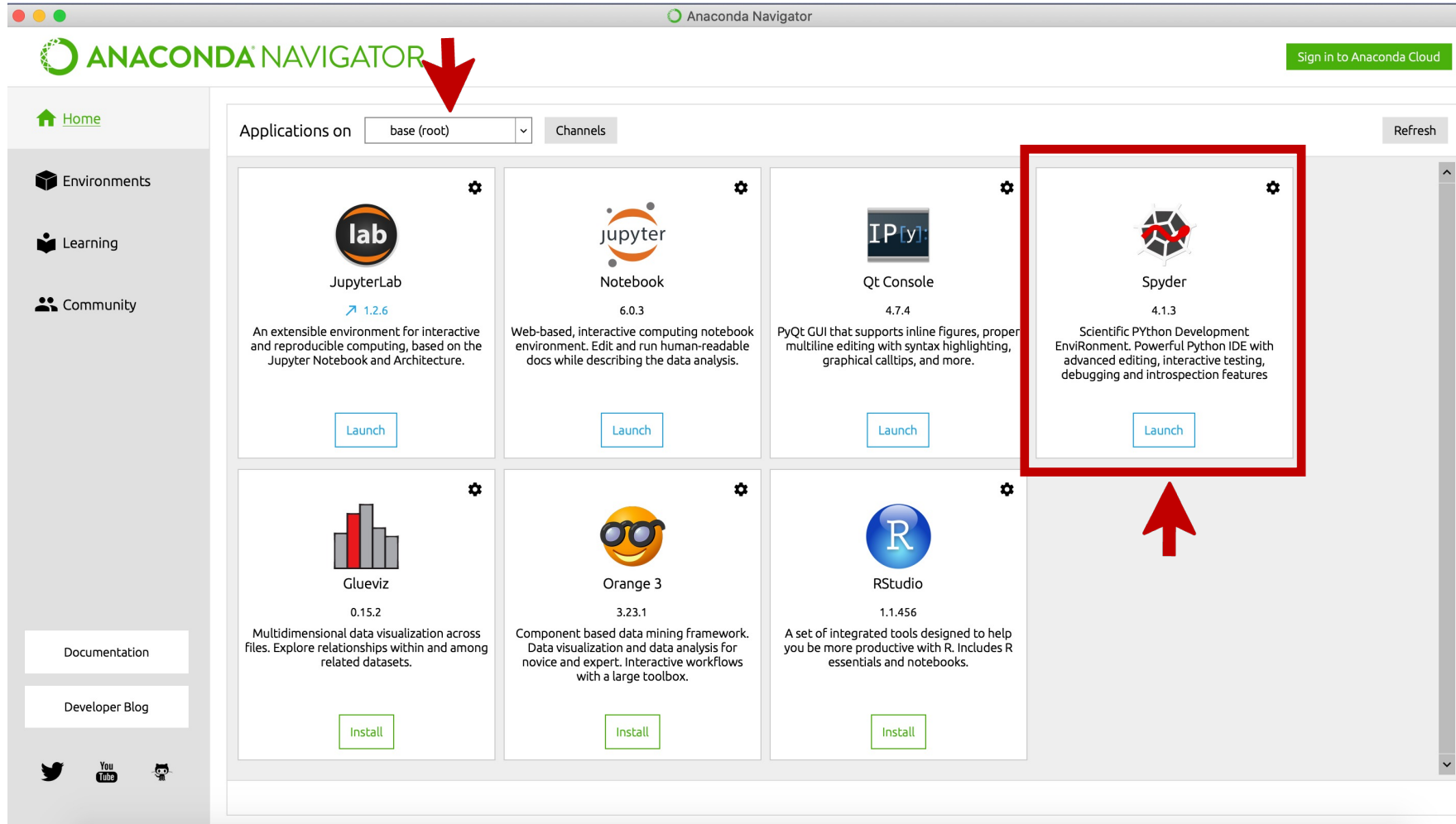
Python 2.7

64-Bit (x86) Installer (477 MB)

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

3 Download based on your system, make sure to install Python 3.7.

# Anaconda



# Tools and Requirements

Anaconda



Flask



Flask

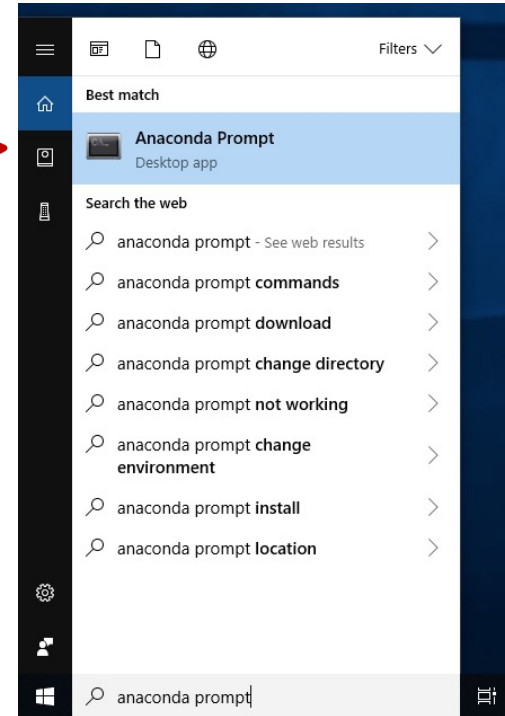
Postman



# Flask

## Windows

From the Start menu, search for and open “Anaconda Prompt”:



## MacOS and Linux

Open Terminal window

Use the following command to install Flask

```
$ pip install Flask
```

Link to Flask documentation: <https://flask.palletsprojects.com/en/1.1.x/installation/#installation>

# Tools and Requirements

Anaconda



Flask



Flask

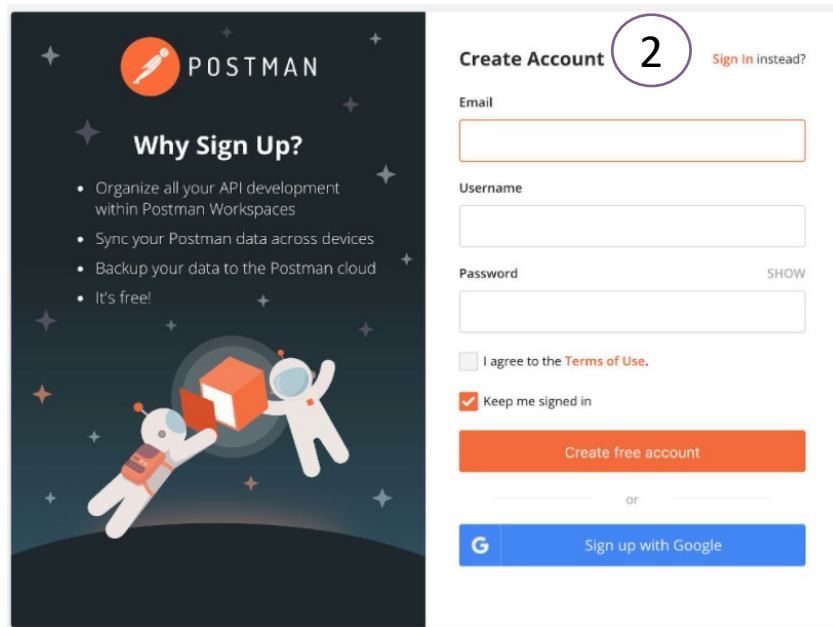
Postman





# Postman

1. Go to the link: <https://www.postman.com/>
  - Download it based on your system.
2. Install and Sign up.
3. Log in to the app.



The image shows the 'Why Sign Up?' page on the Postman website. On the left, there's a dark blue section with the Postman logo and the text 'Why Sign Up?'. Below this, there are four bullet points: 'Organize all your API development within Postman Workspaces', 'Sync your Postman data across devices', 'Backup your data to the Postman cloud', and 'It's free!'. At the bottom of this section is an illustration of two astronauts in space. On the right, there's a white form titled 'Create Account' with a circled '2'. The form includes fields for 'Email', 'Username', and 'Password' (with a 'SHOW' toggle). Below the password field is a checkbox for 'I agree to the Terms of Use.' and a checked checkbox for 'Keep me signed in'. There are two buttons: an orange 'Create free account' button and a blue 'Sign up with Google' button. A 'Sign in instead?' link is also present.

