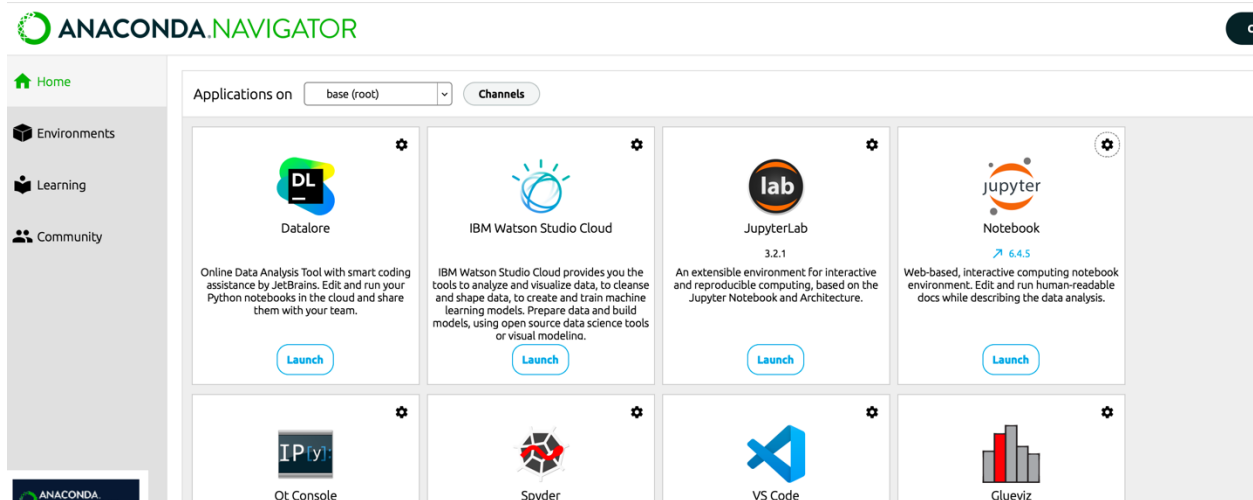


Instructions for Super Exercises.

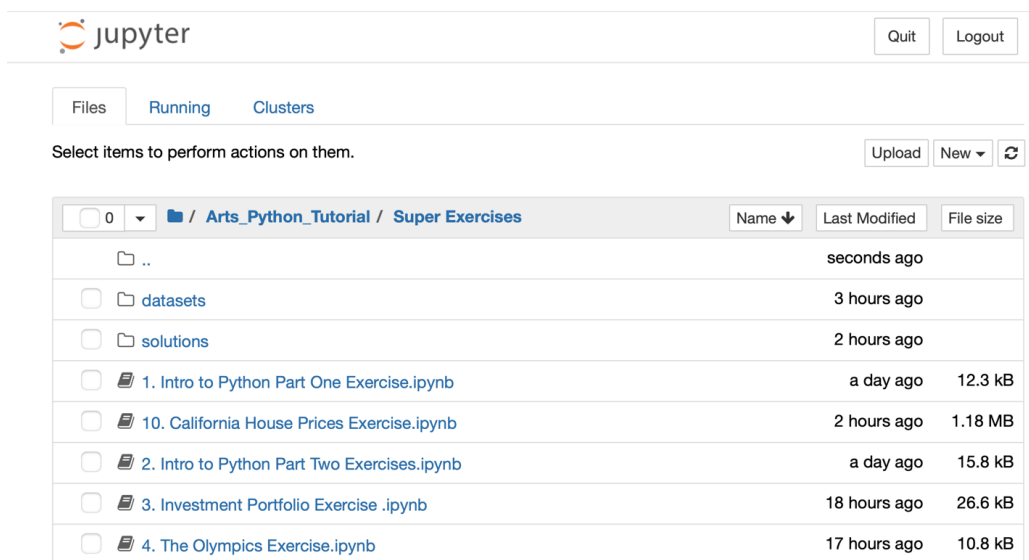
Step 1. Download and unzip the Super Exercises folder

Step 2. Launch Anaconda

Step 3. In Anaconda Navigator Launch Jupyter Notebook



Step 3. In the browser you will see all the files and folder in the main directory of your computer, the Super Exercise by default will be in Downloads folder on your computer. Unless you downloaded some place else. Locate unzipped Super Exercise folder and click on it in the Jupyter Files Menu in the browser



Step 4. In Super Exercises you will find files, all of them have extension Exercise and datasets folder. All the CSV files are stored in the datasets folder. When you read the CSV file from Jupyter notebook the path to a file would be “datasets/name of file.csv”, Windows might ask you to use little “r” in front of the path, like this r“datasets/name of file.csv”. All the solutions saved in the solutions folder.

Step 5. To open a Jupyter notebook, file with extension .ipynb you need to click on it through Jupyter File Menu. For example locate the file 1. Intro to Python Part One Exercise.ipynb and click on it.

The screenshot shows the JupyterLab interface. At the top, there's a header with the Jupyter logo and 'Quit' and 'Logout' buttons. Below the header, there are tabs for 'Files', 'Running', and 'Clusters'. A message says 'Select items to perform actions on them.' with 'Upload', 'New', and a refresh icon. The main area shows a file browser for the path '/ Arts_Python_Tutorial / Super Exercises'. It contains a table of files and folders.

	Name	Last Modified	File size
<input type="checkbox"/>	..	seconds ago	
<input type="checkbox"/>	datasets	3 hours ago	
<input type="checkbox"/>	solutions	2 hours ago	
<input type="checkbox"/>	1. Intro to Python Part One Exercise.ipynb	a day ago	12.3 kB
<input type="checkbox"/>	10. California House Prices Exercise.ipynb	2 hours ago	1.18 MB
<input type="checkbox"/>	2. Intro to Python Part Two Exercises.ipynb	a day ago	15.8 kB
<input type="checkbox"/>	3. Investment Portfolio Exercise .ipynb	18 hours ago	26.6 kB
<input type="checkbox"/>	4. The Olympics Exercise.ipynb	17 hours ago	10.8 kB

Step 6. You can start working on exercises right in the same file. Some cells have answers to get you an idea how your output should look like. When you write code and run the cell they will disappear and will show your output. Take a look at “John Stephenson” print in the image below. That’s how your solution should look like.

The screenshot shows a Jupyter Notebook window titled "1. Intro to Python Part One Exercise (autosaved)". The interface includes a top bar with the Jupyter logo, a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help), a "Not Trusted" security warning, and a "Python 3 (ipykernel)" environment selector. Below the menu bar is a toolbar with icons for saving, adding cells, undo, redo, and running code. The main content area displays "Exercise Goals & Objectives:" followed by a bulleted list: "Learn and practice Python Built-in Data Types", "Practice functions print() int() float() input()", and "Practice logical statements if elif else". Below this is "Exercise 1." with a single instruction: "1. Create a program that displays your name and complete mailing address formatted in the manner that you would usually see it on the outside of an envelope." At the bottom, there is a code cell labeled "In [1]:" containing the following text: "John Stephenson", "115 W 30th St.", "New York NY 10001". A small "Screenshot" watermark is visible over the code cell.

Step 6. If you need a solution, through Jupyter File menu click on the solutions folder and locate the file with a corresponding to an exercise number.

Step 7. If you need any help or find errors in the files please email me at artyudin@programwithus.com

Step 8. Here is the notes for Python Tutorial.

Variables

<https://intro-to-python-6hrs.s3.amazonaws.com/Variables.html>

If and Else

https://intro-to-python-6hrs.s3.amazonaws.com/If_Else_statements.html

Lists

https://intro-to-python-6hrs.s3.amazonaws.com/Lists_vs_Tuples.html

For loop

https://intro-to-python-6hrs.s3.amazonaws.com/Definite_loops.html

Lists

https://intro-to-python-6hrs.s3.amazonaws.com/Lists_vs_Tuples.html

For loops

https://intro-to-python-6hrs.s3.amazonaws.com/Definite_loops.html

Read and write files with Python

https://intro-to-python-6hrs.s3.amazonaws.com/File_processing.html

Dictionary

<https://intro-to-python-6hrs.s3.amazonaws.com/Dictionaries.html>

Intro Pandas

https://intro-to-python-6hrs.s3.amazonaws.com/pandas_Series.html

https://intro-to-python-6hrs.s3.amazonaws.com/pandas_DataFrame.html

https://intro-to-python-6hrs.s3.amazonaws.com/pandas_DataFrame_continue.html

DataFrame Practice

https://intro-to-python-6hrs.s3.amazonaws.com/pandas_Cleaning.html

https://pythondatascience.s3.amazonaws.com/Build_DataFrame_from_scratch.html

https://pythondatascience.s3.amazonaws.com/Solution_Build_DataFrame_from_scratch.html

https://intro-to-python-6hrs.s3.amazonaws.com/pandas_exercises_3.html

Pandas Logic

https://intro-to-python-6hrs.s3.amazonaws.com/Lambda_Operator.html?versionId=IJEpFjGGOHHb4fZahu1UTo9IKQXLauX5

https://intro-to-python-6hrs.s3.amazonaws.com/Lambda_Operator.html?versionId=IJEpFjGGOHHb4fZahu1UTo9IKQXLauX5

https://pythondatascience.s3.amazonaws.com/If_something_apply_formula_pandas.html

https://pythondatascience.s3.amazonaws.com/Compare_Values_in_two_DataFrames-2.html

Combine Data Sets

https://intro-to-python-6hrs.s3.amazonaws.com/pandas_Groupby.html

https://pythondatascience.s3.amazonaws.com/pandas_Combining_Datasets-2.html

https://pythondatascience.s3.amazonaws.com/pandas_Combining_Datasets_Merge-2.html

Plot Data

https://intro-to-python-6hrs.s3.amazonaws.com/matplotlib_Line_Plots-2.html

https://intro-to-python-6hrs.s3.amazonaws.com/matplotlib_Scatter_Plots-2.html

https://intro-to-python-6hrs.s3.amazonaws.com/matplotlib_Histogram-2.html