



File Edit View Run Kernel Git Tabs Settings Help



Filter files by name

/

Name Last Modified

lab	14 hours ago
my_data_s...	seconds ago
Untitled.ip...	14 hours ago

my_data_science_note_bookX

Markdown git Run as Pipeline

Python

My Data Science Notebook



Simple 0 1 Fully initialized Python | Idle Mem: 421.45 / 6144.00 MB Mode: Command Ln 1, Col 1 English (United States) my_data_science_note_book.ipynb 1



File Edit View Run Kernel Git Tabs Settings Help



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Name



Last Modified



lab

14 hours ago



my_data_s...

a minute ago



Untitled.ip...

14 hours ago



my_data_science_note_book



Markdown



git

Run as Pipeline



Python



Introduction

Welcome to my data science notebook! In this notebook, we'll explore various concepts and examples related to data science.



Run file as batch

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Filter files by name

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Name	Last Modified
📁 lab	14 hours ago
📄 my_data_s...	seconds ago
📄 Untitled.ip...	14 hours ago

my_data_science_note_book

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Run as Pipeline

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Data Science Languages

1. Python

2. R

3. Julia

Simple

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Fully initialized

Python Idle

Mem: 432.20 / 6144.00 MB

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Ln 1, Col 1

English (United States)

my_data_science_note_book.ipynb

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14 hours ago

Python ○

3. Scikit-learn



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my_data_science_note_book +

Markdown git Run as Pipeline Python

```
## Arithmetic Expression Examples
Let's explore some basic arithmetic expressions in this section.
1.Addition(+)
2.Subtraction(-)
3.Multiplication(*)
4.Division(/)
```

Simple 0 1 Fully initialized Python | Idle Mem: 448.28 / 6144.00 MB Mode: Command Ln 1, Col 1 English (United States) my_data_science_note_book.ipynb 1



File Edit View Run Kernel Git Tabs Settings Help

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my_data_science_note_book +

+ + + + + Code git Run as Pipeline

Python

```
[ ]: # Multiply and add numbers
result_multiply = 5 * 3
result_add = 5 + 3

result_multiply, result_add
```

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The screenshot displays the JupyterLab environment. On the left, a file explorer sidebar shows a directory structure with a folder named 'lab' and a file named 'my_data_s...' (partially visible). The file 'my_data_s...' is selected. The main area is a code editor showing a Python script in a Jupyter notebook cell. The script is as follows:

```
[ ]: # Convert minutes to hours
minutes = 120
hours = minutes / 60

hours
```

The status bar at the bottom indicates the environment is 'Fully initialized', the kernel is 'Python | Idle', and the memory usage is 'Mem: 454.46 / 6144.00 MB'. The mode is 'Edit', and the current file is 'my_data_science_note_book.ipynb'.



File Edit View Run Kernel Git Tabs Settings Help

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my_data_science_note_bool +

+ Markdown git Run as Pipeline

▼ **## Objectives**

1. Explore data science languages.
2. Understand key data science libraries.
3. Learn about popular data science tools.

The screenshot displays the JupyterLab environment. On the left sidebar, there are icons for home, search, recent files, and other utilities. The main panel shows a file explorer with a tree view containing a folder named 'lab' and two files: 'my_data_s...' (selected) and 'Untitled.ip...'. Below the file explorer is a table listing files with columns for Name and Last Modified.

Name	Last Modified
/	
lab	14 hours ago
• my_data_s...	seconds ago
Untitled.ip...	14 hours ago

The right pane shows a notebook titled 'my_data_science_note_book'. It contains several exercises:

- Exercise 2**: # My Data Science Notebook
- Exercise 3**: ## Introduction
Welcome to my data science notebook! In this notebook, we'll explore various concepts and examples related to data science.
- Exercise 4**: ## Data Science Languages
 - 1. Python
 - 2. R
 - 3. Julia
- Exercise 5**: ## Data Science Languages
 - 1. Python
 - 2. R
 - 3. Julia
- Exercise 6**: ## Data Science Libraries
 - 1. NumPy
 - 2. Pandas
 - 3. Scikit-learn
- Exercise 7**: ## Arithmetic Expression Examples
Let's explore some basic arithmetic expressions in this section.