

Course Description

Python is a general-purpose programming language that is becoming ever more popular for data science. Companies worldwide are using Python to harvest insights from their data and gain a competitive edge. Unlike other Python tutorials, this course focuses on Python specifically for data science. In our Introduction to Python course, you'll learn about powerful ways to store and manipulate data, and helpful data science tools to begin conducting your own analyses. Start DataCamp's online Python curriculum now.

1 Python Basics

FREE

100%

An introduction to the basic concepts of Python. Learn how to use Python interactively and by using a script. Create your first variables and acquaint yourself with Python's basic data types.

[VIEW CHAPTER DETAILS](#)

✓ Completed

```
Variable explorer Help Plots Files
Console 1/A
Python 3.8.1 (default, Jan 8 2020, 16:15:50)
Type "copyright", "credits" or "license()" for more information.
IPython 7.19.0 -- An enhanced Interactive Python.
In [1]: "I can add integers, like " + str(5) + " to strings."
Out[1]: 'I can add integers, like 5 to strings.'
In [2]: "I said " + ("Hey " * 2) + "Hey!"
Out[2]: 'I said Hey Hey Hey!'
In [3]: "The correct answer to this multiple choice exercise is answer number " + 2
Traceback (most recent call last):
  File "<ipython-input-3-5607077cba1e>", line 1, in <module>
    "The correct answer to this multiple choice exercise is answer number " + 2
TypeError: can only concatenate str (not "int") to str
In [4]: True + False
Out[4]: 1
In [5]:
```

```
jupyter Untitled1 Last Checkpoint: 2 minutes ago (unsaved changes)
File Edit View Insert Cell Kernel Widgets Help
In [1]: print("I can add integers, like " + str(5) + " to strings.")
I can add integers, like 5 to strings.
In [2]: print("I said " + ("Hey " * 2) + "Hey!")
I said Hey Hey Hey!
In [3]: print("The correct answer to this multiple choice exercise is answer number " + 2)
-----
TypeError                                Traceback (most recent call last)
<ipython-input-3-c0e2a0defb7e> in <module>
----> 1 print("The correct answer to this multiple choice exercise is answer number " + 2)

TypeError: can only concatenate str (not "int") to str
In [4]: print(True + False)
1
```

```
Jupyter QtConsole
Jupyter QtConsole 4.7.7
Python 3.8.5 (default, Sep 4 2020, 02:22:02)
Type 'copyright', 'credits' or 'license' for more information
IPython 7.19.0 -- An enhanced Interactive Python. Type '?' for help.
In [1]: "I can add integers, like " + str(5) + " to strings."
Out[1]: 'I can add integers, like 5 to strings.'
In [2]: "I said " + ("Hey " * 2) + "Hey!"
Out[2]: 'I said Hey Hey Hey!'
In [3]: "The correct answer to this multiple choice exercise is answer number " + 2
-----
TypeError                                Traceback (most recent call last)
<ipython-input-3-5607077cba1e> in <module>
----> 1 "The correct answer to this multiple choice exercise is answer number " + 2

TypeError: can only concatenate str (not "int") to str
In [4]: True + False
Out[4]: 1
In [5]:
```