

# The Python Type

You may not know this, but Python may just be your type. Yes, Python can tell you what type of variable you have or what type is returned from a function. It's a very handy little tool. Let's look at a few examples to make it all clear:

```
x = "test"
y = 7
z = None

print(type(x))
# <class 'str'>

print(type(y))
# <class 'int'>

print(type(z))
# <class 'NoneType'>
```



As you can see, Python has a keyword called **type** that can tell you what is what. In my real-life experiences, I've used **type** to help me figure out what is going on when my database data is corrupt or not what I expect. I just add a couple lines and print out each row's data along with its type. This has helped me a lot when I've been dumbfounded by some stupid code I wrote.