

# What does "int() argument must be a string, a bytes like object or a number, not 'NoneType'. Error saving date" mean (python 3, Django form, datetime, development)?

Ad by NeuroNation

**Apple names one of the best memory apps in the world.**

Download NeuroNation and sharpen your brain now.

Get the App

All related (35) Recommended

Sage · AI bot BETA

This error message is indicating that there is an

Continue reading

Mark Gritter

occasional Python hacker · Author has 5.1K answers and 8.6M answer views · 1y

"int() argument" == the argument to int(), so something where you are calling int( x )

"must be a string, a bytes like object or a number" == the error message is telling you what sorts of things would work. You could have a string, and int("37") would product an integer. You could parse bytes instead. Or you could turn a number (like a float) into an integer.

"not 'NoneType'" == the error message is telling you the type of the argument, which is the type corresponding to None.

So, somehow (when parsing a date, probably) the int() function was given a None value instead of part of the date. This might be for a variety of reasons, such as a map not having an expected field, or a function that was supposed to return a value omitting the return statement.

12.6K views

NeuroNation Sponsored

**Apple names one of the best memory apps in the world.**

Download NeuroNation and sharpen your brain now.



Get the App

719

Related questions (More answers below)

How do I take input separated by a comma and store them in a list in Python 3?

24,257 Views

How do I resolve TypeError: int() argument must be a string, a bytes-like object or a number, not 'NoneType' in python?

2,517 Views

How do you handle the position argument error and resolve it promptly (Python 3, arguments, development)?

340 Views

What datatype is represented by INT in Python 3?

1,160 Views

What is the difference between list and tuples?

17,396 Views

Brandon Ross

Author has 14.5K answers and 77M answer views · 2y

You have some object.

Django--or your own additions--is trying to call the object's int() method to obtain its integer representation.

It can't. The object's data does not have a defined integer representation.

Be sure that you understand the date object you are using.

4 1

Sponsored by JetBrains

**JetBrains Space is a complete software development platform.**

Everything you need to develop software. Host git repos, review code, automate CI/CD, and use chats.

Sign Up

1.5K

Keith Cronin

Over 5 years of practicing Full Stack Software Development · 2y

It means that the data you provided cannot be made into a integer. This could be because there are symbols, spaces, in your date.

Date: Jan 1 1992

Proper input: 111992

Improper input: 01/1/92

Check that your input is actually a string that is just void of spaces and doesnt have anything not a number. This way you pass valid input to int() every time.

Continue Reading

2 1

Amin Boulouma

Author · Author has 2.1K answers and 1.6M answer views · Dec 19

The error "int() argument must be a string, a bytes like object or a number, not 'NoneType'. Error saving date" means that the int() function was called with an argument that is NoneType , which is not a valid argument for the function. This error can occur if you are trying to convert a variable that is None to an integer, or if you are calling a function that returns None and trying to pass the returned value to int() . To fix this error, you should ensure that the argument passed to int() is a valid value that can be converted to an integer.

1

Sponsored by Litefinance Broker

**Where to put funds wisely?**

More yields than at a bank. Keep your funds in a safe account and receive 20% deposit amount daily.

Learn More

14

Related questions (More answers below)

What is a loop in Python?

20,739 Views

How do you add a comma to a list in Python?

8,707 Views

How do you concatenate bytes to STR like Python 2 allows (Python, Python 3.x, development)?

917 Views

What is a program in C to display the sum of the series [9 + 99 + 999 + 9999 ...]?

4,070 Views

How do you handle a nonetype error in Python?

306 Views

Andre Engels

software engineer, programming in Python for almost 20 years · Author has 2.7K answers and 1.5M answer views · 2y

You are trying to do int(x) where x had the value None

2

Martin Jansche

knows Python · Author has 2.7K answers and 1.6M answer views · 2y

Related **How do I write a program that prints the values 10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 10000000000 100000000000 in Python using a loop?**

```
1 while True:
2     print(*['{:b}'.format(2<<n) for n
3         in range(11)])
4     break
```

12 1 2

Sponsored by Filestack

**ChatGPT & OpenAI Webinar Replay.**

A comprehensive guide to setting up your chatbot development environment and deploying it using ChatGPT.

Watch More

259

Somdeep Datta

Student, knows a thing or two about programming · 5y

Related **How can I check whether a number is odd or even without using if/else or the ternary operator in Python?**

Ah! Good question!

I found a way and here's what the code looks like in Python 3!

```
1 n_type = ("Even", "Odd")
2 n = int(input("Enter number:"))
3 print(n_type[n%2])
```

Much shorter than the conditional ways, right?

Thanks for motivating to code!

16

Jesus Hinojosa

Did some C programming in college · 6y

Related **How would you write a program that uses a function and while loop statement to calculate and print the product of the odd integers from 1 to 15?**

Using the good old "C" , it will be something like:

```
1 void myfunction(){
2 int step = 1;// this variable keeps
3 track of the times we have to loop
4 int accumulator = 1;// this holds the
5 value of our result of multiplying
6 while(step < 16)
7 {
8     if(step%2 != 0) // if the
9     number is odd
10    {
11        accumulator = accumulator *
12        step; // multiply what accumulator
13        have with the current odd number
```

Continue Reading

3

Sponsored by Jira Software, Atlassian

**See how Jira can help your team build better, together.**

The #1 software development tool for agile teams just got a whole lot faster. Try for free today!

Sign Up

935

Ryan Howe

Data Engineer · Author has 8.3K answers and 3.4M answer views · 1y

Related **How do I resolve TypeError: int() argument must be a string, a bytes-like object or a number, not 'NoneType' in python?**

You look at what's actually being used as an argument for int() then hopefully use your brain and fix it. For instance if I write something like

```
1 def test_function():
2     return
3
4 print(int(test_function()))
```

you will get this error because test\_function() returns a NoneType. I get the same exact error

```
1 TypeError: int() argument must be a
2 string, a bytes-like object or a
3 number, not 'NoneType'
```

Without seeing your code no one can help but you may be calling a function or method on something used as an argument thinking it'll return something when it doesn't.

6

Somasekhar

Completed Data Structures and Algorithms Python · 1y

Related **How do I print a number of consecutive series in a single line using Python programming?**

Printing consecutive series is not a problem at all.

There are many ways to do in python.

1. for loop

2. while loop

To Print in a single line we have some inbuilt methods in python.

```
1 for i in range(10):
2     print(i, end=" ")
```

The above code prints numbers from 0 to 10 in a same line with space.

end = " " will generate a space between every line.

If we want , comma between the numbers we can use end = ","

similarly we can place what ever special char we want in between the quotations.

9

Suvag Poddar

B.Tech from JIS College of Engineering (Graduated 2021) · 2y

Related **How can we write a program to find the sum of the first 10 numbers using a for loop?**

First 10 numbers means that we need to start from 1 and go to 10. So, the loop variable of 'for' loop will start from 1 and go to 10 (10 will be included).

Below, I am giving an example of how to write the for loop. The syntax will be bit different depending on the language used.

```
int sum=0;
```

```
int i=1;
```

```
for(i=1; i <= 10 ; i++) // the value of i will be from 1 to 10
```

```
{
```

```
sum=sum+i; //each number will get added to the variable 'sum'
```

```
}
```

System.out.println(sum); // here the 'sum' variable will give the sum of 10 numbers

15

Henk Brozius

Ph.D. in Probability (statistics), Erasmus University Rotterdam (Graduated 1989) · Author has 2.9K answers and 1.2M answer views · 1y

Related **You are playing a numbers game where your computer generates a random number until the number is odd. Your score will be the number of even numbers generated. If you play this game many times what will be the average of your...**

Let us denote this average by  $\mu$ .

Preasssuming that the probability on odd is equal to the probability on even we have the equality:

$$\mu = \frac{1}{2} \cdot 0 + \frac{1}{2} (1 + \mu) = \frac{1}{2} + \frac{1}{2} \mu$$

This tells us immediately that  $\mu = 1$ .

Also google on "geometric distribution". It concerns the version that deals with the number of failures that pass before the first success is achieved.

2

Related questions

How do I take input separated by a comma and store them in a list in Python 3?

24,257 Views

How do I resolve TypeError: int() argument must be a string, a bytes-like object or a number, not 'NoneType' in python?

2,517 Views

How do you handle the position argument error and resolve it promptly (Python 3, arguments, development)?

340 Views

What datatype is represented by INT in Python 3?

1,160 Views

What is the difference between list and tuples?

17,396 Views

What is a loop in Python?

20,739 Views

How do you add a comma to a list in Python?

8,707 Views

How do you concatenate bytes to STR like Python 2 allows (Python, Python 3.x, development)?

917 Views

What is a program in C to display the sum of the series [9 + 99 + 999 + 9999 ...]?

4,070 Views

How do you handle a nonetype error in Python?

306 Views

How do you convert a date object in normal format (Python, Django, Python 3.x, datetime, development)?

137 Views

How do you convert int to string without using an in-built function in Python 3 (Python, Python 3.x, development)?

1,648 Views

How do you limit an input of type int (Python, Python 3, development)?

1,134 Views

What is int( x [, base] ) in Python 3?

7,428 Views

How do you troubleshoot an invalid form in Django (Python, Django, forms, validation, Django forms, development)?

69 Views

About · Careers · Privacy · Terms · Contact · Languages · Your Ad Choices · Press · © Quora, Inc. 2023