Data Scientist
Codecademy
Python Fundamentals
Errors in Python

Errors

Introduction to Bugs

Mistakes within the program are referred to as *errors* and are pinpointed by python using ^ character. When programs throw errors that we didn't expect to encounter we call them bugs. Updating the program so that it no longer produces bugs is called debugging.

Some common error types are:

- SyntaxError: error caused by not following the proper structure of the language
- NameError: errors reported when the interpreter detects a variable that is unknown
- TypeError: errors thrown when an operation is applied to an object of an inappropriate type