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| **Python Errors** | |
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| **Exception** | **Description** |
| AssertionError | Raised when the assert statement fails. |
| AttributeError | Raised on the attribute assignment or reference fails. |
| EOFError | Raised when the input() function hits the end-of-file condition. |
| FloatingPointError | Raised when a floating point operation fails. |
| GeneratorExit | Raised when a generator's close() method is called. |
| ImportError | Raised when the imported module is not found. |
| IndexError | Raised when the index of a sequence is out of range. |
| KeyError | Raised when a key is not found in a dictionary. |
| KeyboardInterrupt | Raised when the user hits the interrupt key (Ctrl+c or delete). |
| MemoryError | Raised when an operation runs out of memory. |
| NameError | Raised when a variable is not found in the local or global scope. |
| NotImplementedError | Raised by abstract methods. |
| OSError | Raised when a system operation causes a system-related error. |
| OverflowError | Raised when the result of an arithmetic operation is too large to be represented. |
| ReferenceError | Raised when a weak reference proxy is used to access a garbage collected referent. |
| RuntimeError | Raised when an error does not fall under any other category. |
| StopIteration | Raised by the next() function to indicate that there is no further item to be returned by the iterator. |
| SyntaxError | Raised by the parser when a syntax error is encountered. |
| IndentationError | Raised when there is an incorrect indentation. |
| TabError | Raised when the indentation consists of inconsistent tabs and spaces. |
| SystemError | Raised when the interpreter detects internal error. |
| SystemExit | Raised by the sys.exit() function. |
| TypeError | Raised when a function or operation is applied to an object of an incorrect type. |
| UnboundLocalError | Raised when a reference is made to a local variable in a function or method, but no value has been bound to that variable. |
| UnicodeError | Raised when a Unicode-related encoding or decoding error occurs. |
| UnicodeEncodeError | Raised when a Unicode-related error occurs during encoding. |
| UnicodeDecodeError | Raised when a Unicode-related error occurs during decoding. |
| UnicodeTranslateError | Raised when a Unicode-related error occurs during translation. |
| ValueError | Raised when a function gets an argument of correct type but improper value. |

BaseException

+-- SystemExit

+-- KeyboardInterrupt

+-- GeneratorExit

+-- Exception

+-- StopIteration

+-- ArithmeticError

| +-- FloatingPointError

| +-- OverflowError

| +-- ZeroDivisionError

+-- AssertionError

+-- AttributeError

+-- BufferError

+-- EOFError

+-- ImportError

+-- LookupError

| +-- IndexError

| +-- KeyError

+-- MemoryError

+-- NameError

| +-- UnboundLocalError

+-- OSError

| +-- BlockingIOError

| +-- ChildProcessError

| +-- ConnectionError

| | +-- BrokenPipeError

| | +-- ConnectionAbortedError

| | +-- ConnectionRefusedError

| | +-- ConnectionResetError

| +-- FileExistsError

| +-- FileNotFoundError

| +-- InterruptedError

| +-- IsADirectoryError

| +-- NotADirectoryError

| +-- PermissionError

| +-- ProcessLookupError

| +-- TimeoutError

+-- ReferenceError

+-- RuntimeError

| +-- NotImplementedError

+-- SyntaxError

| +-- IndentationError

| +-- TabError

+-- SystemError

+-- TypeError

+-- ValueError

| +-- UnicodeError

| +-- UnicodeDecodeError

| +-- UnicodeEncodeError

| +-- UnicodeTranslateError

+-- Warning

+-- DeprecationWarning

+-- PendingDeprecationWarning

+-- RuntimeWarning

+-- SyntaxWarning

+-- UserWarning

+-- FutureWarning

+-- ImportWarning

+-- UnicodeWarning

+-- BytesWarning

+-- ResourceWarning