Most of the standard exceptions built into Python are listed below. They are organized into related groups based on the types of issues they deal with.

| Language Exceptions | Description |
| --- | --- |
| StandardError | Base class for all built-in exceptions except StopIteration and SystemExit. |
| ImportError | Raised when an import statement fails. |
| SyntaxError | Raised when there is an error in Python syntax. |
| IndentationError | Raised when indentation is not specified properly. |
| NameError | Raised when an identifier is not found in the local or global namespace. |
| UnboundLocalError | Raised when trying to access a local variable in a function or method but no value has been assigned to it. |
| TypeError | Raised when an operation or function is attempted that is invalid for the specified data type. |
| LookupError | Base class for all lookup errors. |
| IndexError | Raised when an index is not found in a sequence. |
| KeyError | Raised when the specified key is not found in the dictionary. |
| ValueError | Raised when the built-in function for a data type has the valid type of arguments, but the arguments have invalid values specified. |
| RuntimeError | Raised when a generated error does not fall into any category. |
| MemoryError | Raised when a operation runs out of memory. |
| RecursionError | Raised when the maximum recursion depth has been exceeded. |
| SystemError | Raised when the interpreter finds an internal problem, but when this error is encountered the Python interpreter does not exit. |

| Math Exceptions | Description |
| --- | --- |
| ArithmeticError | Base class for all errors that occur for numeric calculation. You know a math error occurred, but you don’t know the specific error. |
| OverflowError | Raised when a calculation exceeds maximum limit for a numeric type. |
| FloatingPointError | Raised when a floating point calculation fails. |
| ZeroDivisonError | Raised when division or modulo by zero takes place for all numeric types. |

| I/O Exceptions | Description |
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| FileNotFoundError | Raised when a file or directory is requested but doesn’t exist. |
| IOError | Raised when an input/ output operation fails, such as the print statement or the open() function when trying to open a file that does not exist. Also raised for operating system-related errors. |
| PermissionError | Raised when trying to run an operation without the adequate access rights. |
| EOFError | Raised when there is no input from either the raw\_input() or input() function and the end of file is reached. |
| KeyboardInterrupt | Raised when the user interrupts program execution, usually by pressing Ctrl+c. |

| Other Exceptions | Description |
| --- | --- |
| Exception | Base class for all exceptions. This catches most exception messages. |
| StopIteration | Raised when the next() method of an iterator does not point to any object. |
| AssertionError | Raised in case of failure of the Assert statement. |
| SystemExit | Raised when Python interpreter is quit by using the sys.exit() function. If not handled in the code, it causes the interpreter to exit. |
| OSError | Raises for operating system related errors. |
| EnvironmentError | Base class for all exceptions that occur outside the Python environment. |
| AttributeError | Raised in case of failure of an attribute reference or assignment. |
| NotImplementedError | Raised when an abstract method that needs to be implemented in an inherited class is not actually implemented. |