

# Data Types

The modules described in this chapter provide a variety of specialized data types such as dates and times, fixed-type arrays, heap queues, double-ended queues, and enumerations.

Python also provides some built-in data types, in particular, `:class:`dict``, `:class:`list``, `:class:`set`` and `:class:`frozenset``, and `:class:`tuple``. The `:class:`str`` class is used to hold Unicode strings, and the `:class:`bytes`` and `:class:`bytearray`` classes are used to hold binary data.

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library) datatypes.rst, line 11); [backlink](#)

Unknown interpreted text role "class".

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library) datatypes.rst, line 11); [backlink](#)

Unknown interpreted text role "class".

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library) datatypes.rst, line 11); [backlink](#)

Unknown interpreted text role "class".

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library) datatypes.rst, line 11); [backlink](#)

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**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library) datatypes.rst, line 11); [backlink](#)

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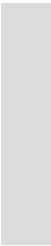

The following modules are documented in this chapter:

**System Message: ERROR/3** (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library) datatypes.rst, line 20)

Unknown directive type "toctree".

```
.. toctree::

    datetime.rst
    zoneinfo.rst
    calendar.rst
    collections.rst
    collections.abc.rst
    heapq.rst
    bisect.rst
    array.rst
```



```
weakref.rst
types.rst
copy.rst
pprint.rst
reprlib.rst
enum.rst
graphlib.rst
```