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API reference

This page gives an overview of all public pandas objects, functions and methods. All classes and functions exposed in `pandas.*` namespace are public.

The following subpackages are public.

- `pandas.errors`: Custom exception and warnings classes that are raised by pandas.
- `pandas.plotting`: Plotting public API.
- `pandas.testing`: Functions that are useful for writing tests involving pandas objects.
- `pandas.api.extensions`: Functions and classes for extending pandas objects.
- `pandas.api.indexers`: Functions and classes for rolling window indexers.
- `pandas.api.interchange`: DataFrame interchange protocol.
- `pandas.api.types`: Datatype classes and functions.
- `pandas.api.typing`: Classes that may be necessary for type-hinting. These are classes that are encountered as intermediate results but should not be instantiated directly by users. These classes are not to be confused with classes from the pandas-stubs package which has classes in addition to those that occur in pandas for type-hinting.

In addition, public functions in `pandas.io` and `pandas.tseries` submodules are mentioned in the documentation

Warning

The `pandas.core`, `pandas.compat`, and `pandas.util` top-level modules are PRIVATE. Stable functionality in such modules is not guaranteed.

Input/output

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- Function application, GroupBy & window
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- Reindexing / selection / label manipulation
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