pandas.DataFrame.to_csv¶

🌐 **pandas.pydata.org** /pandas-docs/stable/generated/pandas.DataFrame.to_csv.html

Write DataFrame to a comma-separated values (csv) file

path_or_buf : string or file handle, default None

> *File path or object, if None is provided the result is returned as a string.*

sep : character, default ','

> *Field delimiter for the output file.*

na_rep : string, default ''

> *Missing data representation*

float_format : string, default None

> *Format string for floating point numbers*

columns : sequence, optional

> *Columns to write*

header : boolean or list of string, default True

> *Write out column names. If a list of string is given it is assumed to be aliases for the column names*

index : boolean, default True

> *Write row names (index)*

index_label : string or sequence, or False, default None

> *Column label for index column(s) if desired. If None is given, and header and index are True, then the index names are used. A sequence should be given if the DataFrame uses MultiIndex. If False do not print fields for index names. Use*

> *index_label=False for easier importing in R*

mode : str

> *Python write mode, default 'w'*

encoding : string, optional

> *A string representing the encoding to use in the output file, defaults to 'ascii' on Python 2 and 'utf-8' on Python 3.*

compression : string, optional

> *a string representing the compression to use in the output file, allowed values are 'gzip', 'bz2', 'xz', only used when the first argument is a filename*

line_terminator : string, default `'\n'`

> *The newline character or character sequence to use in the output file*

quoting : optional constant from csv module

> *defaults to csv.QUOTE_MINIMAL. If you have set a float_format then floats are comverted to strings and thus csv.QUOTE_NONNUMERIC will treat them as non-numeric*

quotechar : string (length 1), default '"'

> *character used to quote fields*

doublequote : boolean, default True

> *Control quoting of quotechar inside a field*

escapechar : string (length 1), default None

> *character used to escape sep and quotechar when appropriate*

chunksize : int or None

| rows to write at a time

tupleize_cols : boolean, default False

| write multi_index columns as a list of tuples (if True) or new (expanded format) if
| False)

date_format : string, default None

| Format string for datetime objects

decimal: string, default '.'

| Character recognized as decimal separator. E.g. use ',' for European data
|
| New in version 0.16.0.

Parameters: