|  |  |
| --- | --- |
| **Attributes and underlying data** | |
| DataFrame.index |  |
| DataFrame.columns |  |
| DataFrame.dtypes |  |
| DataFrame.info() |  |
| DataFrame.select\_dtypes() |  |
| DataFrame.values |  |
| DataFrame.axes |  |
| DataFrame.ndim |  |
| DataFrame.size |  |
| DataFrame.shape |  |
| DataFrame.empty |  |
| **Conversion** | |
| DataFrame.astype() |  |
| DataFrame.convert\_dtypes() |  |
| DataFrame.copy() |  |
| DataFrame.bool() |  |
| DataFrame.to\_numpy() |  |
| **Indexing, iteration** | |
| DataFrame.head() |  |
| DataFrame.at |  |
| DataFrame.loc |  |
| ~~DataFrame.iloc~~ |  |
| DataFrame.insert() |  |
| DataFrame.\_\_iter\_\_() |  |
| DataFrame.items() |  |
| DataFrame.keys() |  |
| DataFrame.iterrows() |  |
| DataFrame.itertuples() |  |
| DataFrame.pop() |  |
| DataFrame.tail() |  |
| DataFrame.get() |  |
| DataFrame.isin() |  |
| DataFrame.where() |  |
| DataFrame.mask() |  |
| DataFrame.query() |  |
| **Binary operator functions** | |
| DataFrame.\_\_add\_\_() |  |
| DataFrame.add() |  |
| DataFrame.sub() |  |
| DataFrame.mul() |  |
| DataFrame.div() |  |
| DataFrame.truediv() |  |
| DataFrame.floordiv() |  |
| DataFrame.mod() |  |
| DataFrame.pow() |  |
| DataFrame.dot() |  |
| DataFrame.radd() |  |
| DataFrame.rsub() |  |
| DataFrame.rmul() |  |
| DataFrame.rdiv() |  |
| DataFrame.rtruediv() |  |
| DataFrame.rfloordiv() |  |
| DataFrame.rmod() |  |
| DataFrame.rpow() |  |
| DataFrame.lt() |  |
| DataFrame.gt() |  |
| DataFrame.le() |  |
| DataFrame.ge() |  |
| DataFrame.ne() |  |
| DataFrame.eq() |  |
| DataFrame.combine() |  |
| DataFrame.combine\_first() |  |
| **Function application, GroupBy & window** | |
| DataFrame.apply() |  |
| DataFrame.map() |  |
| ~~DataFrame.applymap()~~ |  |
| DataFrame.pipe() |  |
| DataFrame.agg() |  |
| DataFrame.aggregate() |  |
| DataFrame.transform() |  |
| DataFrame.groupby() |  |
| DataFrame.rolling() |  |
| DataFrame.expanding() |  |
| DataFrame.ewm() |  |
| **Computations/ descriptive statistics** | |
| DataFrame.abs() |  |
| DataFrame.all() |  |
| DataFrame.any() |  |
| DataFrame.clip() |  |
| DataFrame.corr() |  |
| DataFrame.corrwith() |  |
| DataFrame.count() |  |
| DataFrame.cov() |  |
| DataFrame.cummax() |  |
| DataFrame.cummin() |  |
| DataFrame.comprod() |  |
| DataFrame.cumsum() |  |
| DataFrame.describe() |  |
| DataFrame.diff() |  |
| DataFrame.eval() |  |
| DataFrame.kurt(0 |  |
| DataFrame.kurtosis() |  |
| DataFrame.max() |  |
| DataFrame.mean() |  |
| DataFrame.median() |  |
| DataFrame.min() |  |
| DataFrame.mode() |  |
| DataFrame.pct\_change() |  |
| DataFrame.prod() |  |
| DataFrame.product() |  |
| DataFrame.quantile() |  |
| DataFrame.rank() |  |
| DataFrame.round() |  |
| DataFrame.sem() |  |
| DataFrame..skew() |  |
| DataFrame.sum() |  |
| DataFrame.std() |  |
| DataFrame.var() |  |
| DataFrame.nunique() |  |
| DataFrame.value\_count() |  |
| **Reindexing / selection / label manipulation** | |
| DataFrame.add\_prefix() |  |
| DataFrame.add\_suffix() |  |
| DataFrame.align() |  |
| DataFrame.time() |  |
| DataFrame.between\_time() |  |
| DataFrame.drop() |  |
| DataFrame.drop\_duplicates() |  |
| DataFrame.duplicated() |  |
| DataFrame.equals() |  |
| DataFrame.filter() |  |
| DataFrame.first() |  |
| DataFrame.head() |  |
| DataFrame.idxmax() |  |
| DataFrame.idxmin() |  |
| DataFrame.last() |  |
| DataFrame.reindex() |  |
| DataFrame.reindex\_like() |  |
| DataFrame.rename() |  |
| DataFrame.rename\_axis() |  |
| DataFrame.reset\_index() |  |
| DataFrame.sample() |  |
| DataFrame.set\_axis() |  |
| DataFrame.set\_index() |  |
| DataFrame.tail() |  |
| DataFrame.take() |  |
| DataFrame.truncate() |  |
| **Missing data handling** | |
| DataFrame.backfill() |  |
| DataFrame.bfill() |  |
| DataFrame.dropna() |  |
| DataFrame.ffill() |  |
| DataFrame.fillna() |  |
| DataFrame.interpolate |  |
| DataFrame.isna() |  |
| DataFrame.isnull() |  |
| DataFrame.notna() |  |
| DataFrame.notnull() |  |
| DataFrame.pad() |  |
| DataFrame.replace() |  |
| **Reshaping, sorting, transposing** | |
| DataFrame.droplevel() |  |
| DataFrame.pivot() |  |
| DataFrame.pivot\_table() |  |
| DataFrame.reorder\_levels() |  |
| DataFrame.sort\_index() |  |
| DataFrame.sort\_values() |  |
| DataFrame.nlargest() |  |
| DataFrame.nsmallest() |  |
| DataFrame.swaplevel() |  |
| DataFrame.stack() |  |
| DataFrame.unstack() |  |
| DataFrame.swapaxes() |  |
| DataFrame.melt() |  |
| DataFrame.explode() |  |
| DataFrame.squeeze() |  |
| DataFrame.to\_xarray() |  |
| DataFrame.T |  |
| DataFrame.transpose() |  |
| **Combining / Comparing / Joining / Merging** | |
| DataFrame.assign() |  |
| DataFrame.compare() |  |
| DataFrame.join() |  |
| DataFrame.merge() |  |
| DataFrame.update() |  |
| **Time Series - related** | |
| DataFrame.asfreq() |  |
| DataFrame.asof() |  |
| DataFrame.shift() |  |
| DataFrame.first\_valid\_index() |  |
| DataFrame.last\_valid\_index() |  |
| DataFrame.resample() |  |
| DataFrame.to\_period() |  |
| DataFrame.to\_timestep() |  |
| DataFrame.tz\_convert() |  |
| DataFrame.tz\_localize |  |
| **Plotting** | |
| DataFrame.plot() |  |
| DataFrame.plot.area() |  |
| DataFrame.plot.bar() |  |
| DataFrame.plot.barh() |  |
| DataFrame.plot.box() |  |
| DataFrame.plot.density() |  |
| DataFrame.plot.hexbin() |  |
| DataFrame.plot.hist() |  |
| DataFrame.plot.kde() |  |
| DataFrame.plot.line |  |
| DataFrame.plot.pie |  |
| DataFrame.plot.scatter() |  |
| DataFrame.boxplot() |  |
| DataFrame.hist() |  |
| **Sparse accessor** | |
| DataFrame.sparse.density |  |
| DataFrame.sparse.from\_spmatrix() |  |
| DataFrame.sparse.to\_coo() |  |
| DataFrame.sparse.to\_dense() |  |
| **Serialization /IO/ Conversion** | |
| DataFrame.from\_dict() |  |
| DataFrame.from\_records() |  |
| DataFrame.to\_orc() |  |
| DataFrame.to\_parquet() |  |
| DataFrame.to\_csv() |  |
| DataFrame.to\_pickle() |  |
| DataFrame.to\_hdf() |  |
| DataFrame.tosql() |  |
| DataFrame.to\_dict() |  |
| DataFrame.to\_excel() |  |
| DataFrame.to\_json() |  |
| DataFrame.to\_html() |  |
| DataFrame.to\_feather() |  |
| DataFrame.to\_latex() |  |
| DataFrame.to\_stata() |  |
| DataFrame.to\_gbq() |  |
| DataFrame.to\_records() |  |
| DataFrame.to\_string() |  |
| DataFrame.to\_clipboard() |  |
| DataFrame.to\_markdown() |  |
| DataFrame.style() |  |
| DataFrame.\_\_dataframe\_\_() |  |
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