pandas - Metadata Report

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# Basic Information

The tool is named 'pandas'. with a display name of 'pandas'. and is classified in the ai\_ml category. with version 2.3.1. and the latest available version is 2.3.1.

The tool's description states: Powerful data structures for data analysis, time series, and statistics

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 Mathematisch Centrum (CWI, see https://www.cwi.nl) in the Netherlands  
 as a successor of a language called ABC. Guido remains Python's  
 principal author, although it includes many contributions from others.  
   
 In 1995, Guido continued his work on Python at the Corporation for  
 National Research Initiatives (CNRI, see https://www.cnri.reston.va.us)  
 in Reston, Virginia where he released several versions of the  
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 In May 2000, Guido and the Python core development team moved to  
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 0.9.0 thru 1.2 1991-1995 CWI yes  
 1.3 thru 1.5.2 1.2 1995-1999 CNRI yes  
 1.6 1.5.2 2000 CNRI no  
 2.0 1.6 2000 BeOpen.com no  
 1.6.1 1.6 2001 CNRI yes (2)  
 2.1 2.0+1.6.1 2001 PSF no  
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# Installation Methods

The following installation methods are available for this tool:

For pip installation, use the following command: pip install pandas

Additional details: Install pandas using pip

# Dependencies

This tool has the following dependencies:

For version latest, the required dependencies are: numpy>=1.22.4; python\_version < "3.11", numpy>=1.23.2; python\_version == "3.11", numpy>=1.26.0; python\_version >= "3.12", python-dateutil>=2.8.2, pytz>=2020.1, tzdata>=2022.7, hypothesis>=6.46.1; extra == "test", pytest>=7.3.2; extra == "test", pytest-xdist>=2.2.0; extra == "test", pyarrow>=10.0.1; extra == "pyarrow", bottleneck>=1.3.6; extra == "performance", numba>=0.56.4; extra == "performance", numexpr>=2.8.4; extra == "performance", scipy>=1.10.0; extra == "computation", xarray>=2022.12.0; extra == "computation", fsspec>=2022.11.0; extra == "fss", s3fs>=2022.11.0; extra == "aws", gcsfs>=2022.11.0; extra == "gcp", pandas-gbq>=0.19.0; extra == "gcp", odfpy>=1.4.1; extra == "excel", openpyxl>=3.1.0; extra == "excel", python-calamine>=0.1.7; extra == "excel", pyxlsb>=1.0.10; extra == "excel", xlrd>=2.0.1; extra == "excel", xlsxwriter>=3.0.5; extra == "excel", pyarrow>=10.0.1; extra == "parquet", pyarrow>=10.0.1; extra == "feather", tables>=3.8.0; extra == "hdf5", pyreadstat>=1.2.0; extra == "spss", SQLAlchemy>=2.0.0; extra == "postgresql", psycopg2>=2.9.6; extra == "postgresql", adbc-driver-postgresql>=0.8.0; extra == "postgresql", SQLAlchemy>=2.0.0; extra == "mysql", pymysql>=1.0.2; extra == "mysql", SQLAlchemy>=2.0.0; extra == "sql-other", adbc-driver-postgresql>=0.8.0; extra == "sql-other", adbc-driver-sqlite>=0.8.0; extra == "sql-other", beautifulsoup4>=4.11.2; extra == "html", html5lib>=1.1; extra == "html", lxml>=4.9.2; extra == "html", lxml>=4.9.2; extra == "xml", matplotlib>=3.6.3; extra == "plot", jinja2>=3.1.2; extra == "output-formatting", tabulate>=0.9.0; extra == "output-formatting", PyQt5>=5.15.9; extra == "clipboard", qtpy>=2.3.0; extra == "clipboard", zstandard>=0.19.0; extra == "compression", dataframe-api-compat>=0.1.7; extra == "consortium-standard", adbc-driver-postgresql>=0.8.0; extra == "all", adbc-driver-sqlite>=0.8.0; extra == "all", beautifulsoup4>=4.11.2; extra == "all", bottleneck>=1.3.6; extra == "all", dataframe-api-compat>=0.1.7; extra == "all", fastparquet>=2022.12.0; extra == "all", fsspec>=2022.11.0; extra == "all", gcsfs>=2022.11.0; extra == "all", html5lib>=1.1; extra == "all", hypothesis>=6.46.1; extra == "all", jinja2>=3.1.2; extra == "all", lxml>=4.9.2; extra == "all", matplotlib>=3.6.3; extra == "all", numba>=0.56.4; extra == "all", numexpr>=2.8.4; extra == "all", odfpy>=1.4.1; extra == "all", openpyxl>=3.1.0; extra == "all", pandas-gbq>=0.19.0; extra == "all", psycopg2>=2.9.6; extra == "all", pyarrow>=10.0.1; extra == "all", pymysql>=1.0.2; extra == "all", PyQt5>=5.15.9; extra == "all", pyreadstat>=1.2.0; extra == "all", pytest>=7.3.2; extra == "all", pytest-xdist>=2.2.0; extra == "all", python-calamine>=0.1.7; extra == "all", pyxlsb>=1.0.10; extra == "all", qtpy>=2.3.0; extra == "all", scipy>=1.10.0; extra == "all", s3fs>=2022.11.0; extra == "all", SQLAlchemy>=2.0.0; extra == "all", tables>=3.8.0; extra == "all", tabulate>=0.9.0; extra == "all", xarray>=2022.12.0; extra == "all", xlrd>=2.0.1; extra == "all", xlsxwriter>=3.0.5; extra == "all", zstandard>=0.19.0; extra == "all"