Getting started

Installation

Working with conda?

pandas is part of the Anaconda distribution and can be installed with Anaconda or Miniconda:

```
conda install -c conda-forge pandas
```

Prefer pip?

pandas can be installed via pip from PyPI.

```
pip install pandas
```

In-depth instructions?

Installing a specific version? Installing from source? Check the advanced installation page.

Learn more

Intro to pandas

+ What kind of data does pandas handle? **Straight to tutorial...**

+ How do I read and write tabular data? **Straight to tutorial...**

+ How do I select a subset of a table? **Straight to tutorial...**

+ How to create plots in pandas? **Straight to tutorial...**

+ How to create new columns derived from existing columns? **Straight to tutorial...**

+ How to calculate summary statistics? **Straight to tutorial...**

+ How to reshape the layout of tables? **Straight to tutorial...**

+ How to combine data from multiple tables? **Straight to tutorial...**

+ How to handle time series data? **Straight to tutorial...**

+ How to manipulate textual data? **Straight to tutorial...**

Coming from...

Are you familiar with other software for manipulating tabular data? Learn the pandas-equivalent operations compared to software you already know:

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The R programming language provides the `data.frame` data structure and multiple packages, such as tidyverse use and extend `data.frame` for convenient data handling functionalities similar to pandas.

Learn more

Already familiar to `SELECT`, `GROUP BY`, `JOIN`, etc.? Most of these SQL manipulations do have equivalents in pandas.

Learn more

The `data set` included in the STATA statistical software suite corresponds to the pandas `DataFrame`. Many of the operations known from STATA have an equivalent in pandas.

Learn more

Users of Excel or other spreadsheet programs will find that many of the concepts are transferrable to pandas.

Learn more

The SAS statistical software suite also provides the `data set` corresponding to the pandas `DataFrame`. Also SAS vectorized operations, filtering, string

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similar functions in pandas.