

Pandas

Data Manipulation in Python

Pandas

Pandas Fundamentals

Three fundamental Pandas data structures:

- ▶ Series
- ▶ DataFrame
- ▶ Index

Series

DataFrame

Index

Data Selection in Series

Data Selection in DataFrame

Universal Functions

Index Alignment

UFuncs on DataFrames and Series

Missing Data

Hierarchical Indexing

Concatenating Datasets

Merging Datasets

Relational algebra for Pandas DataFrames

Aggregation

Grouping

Pivot Tables

String Operations

Time Series