



Rising Technology

NumPy

- NumPy Creating Arrays
- NumPy Array Indexing
- NumPy Array Slicing
- NumPy Data Types
- NumPy Copy vs View
- NumPy Array Shape
- NumPy Array Reshape
- NumPy Array Iterating
- NumPy Array Join
- NumPy Array Split
- NumPy Array Search
- NumPy Array Sort
- NumPy Array Filter

Pandas

- Introduction to Data Structures
- Python Pandas - Series
- Python Pandas - DataFrame
- Python Pandas - Panel
- Python Pandas - Basic Functionality
- Descriptive Statistics
- Function Application
- Python Pandas - Reindexing
- Python Pandas - Iteration
- Python Pandas - Sorting
- Working with Text Data
- Options & Customization
- Indexing & Selecting Data
- Statistical Functions
- Python Pandas - Window Functions
- Python Pandas - Aggregations
- Python Pandas - Missing Data
- Python Pandas - GroupBy



Rising Technology

- Python Pandas - Merging/Joining
- Python Pandas - Concatenation
- Python Pandas - Date Functionality
- Python Pandas - Timedelta
- Python Pandas - Categorical Data
- Python Pandas - Visualization
- Python Pandas - IO Tools
- Python Pandas - Sparse Data
- Python Pandas - Caveats & Gotchas
- Comparison with SQL

SciPy

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- SciPy Intro
- SciPy Getting Started
- SciPy Constants
- SciPy Optimizers
- SciPy Sparse Data
- SciPy Graphs
- SciPy Spatial Data
- SciPy Matlab Arrays
- SciPy Interpolation
- SciPy Significance Tests