Mindluster Platform

About the course Data analysis in Python

Course Presenter : Data School

Data analysis in Python, in this course we will learn about data analysis using Python, focusing on how to collect, clean, manipulate, and visualize data to uncover valuable insights. You will get hands-on experience with essential Python libraries such as pandas for data manipulation, NumPy for numerical computing, Matplotlib and Seaborn for data visualization, and Jupyter Notebook for interactive analysis. The course covers importing datasets, handling missing data, filtering and grouping, statistical analysis, and creating meaningful charts and graphs. Youâ€™ll also learn to summarize large datasets, draw conclusions, and make data-driven decisions. Whether you're analyzing sales data, survey results, or business performance, this course equips you with the practical skills to perform real-world data analysis. No prior experience requiredâ€”just basic Python knowledge. Join now and start analyzing data with confidence. Data School

Programming Category's Courses

Course Lesson(38)

Lesson 1 : **What is pandas Introduction to the Q A series**

Lesson 2 : **How do I read a tabular data file into pandas**

Lesson 3 : **How do I select a pandas Series from a DataFrame**

Lesson 4 : **Why do some pandas commands end with parentheses and others don t**

Lesson 5 : **How do I rename columns in a pandas DataFrame**

Lesson 6 : **How do I remove columns from a pandas DataFrame**

Lesson 7 : **How do I sort a pandas DataFrame or a Series**

Lesson 8 : **How do I filter rows of a pandas DataFrame by column value**

Lesson 9 : **How do I apply multiple filter criteria to a pandas DataFrame**

Lesson 10 : **Your pandas questions answered**

Lesson 11 : **How do I use the axis parameter in pandas**

Lesson 12 : **How do I use string methods in pandas**

Lesson 13 : **How do I change the data type of a pandas Series**

Lesson 14 : **When should I use a groupby in pandas**

Lesson 15 : **How do I explore a pandas Series**

Lesson 16 : **How do I handle missing values in pandas**

Lesson 17 : **What do I need to know about the pandas index Part 1**

Lesson 18 : **What do I need to know about the pandas index Part 2**

Lesson 19 : **How do I select multiple rows and columns from a pandas DataFrame**

Lesson 20 : **When should I use the inplace parameter in pandas**

Lesson 21 : **How do I make my pandas DataFrame smaller and faster**

Lesson 22 : **How do I use pandas with scikit learn to create Kaggle submissions**

Lesson 23 : **More of your pandas questions answered**

Lesson 24 : **How do I create dummy variables in pandas**

Lesson 25 : **How do I work with dates and times in pandas**

Lesson 26 : **How do I find and remove duplicate rows in pandas**

Lesson 27 : **How do I avoid a SettingWithCopyWarning in pandas**

Lesson 28 : **How do I change display options in pandas**

Lesson 29 : **How do I create a pandas DataFrame from another object**

Lesson 30 : **How do I apply a function to a pandas Series or DataFrame**

Lesson 31 : **How do I use the MultiIndex in pandas**

Lesson 32 : **How do I merge DataFrames in pandas**

Lesson 33 : **4 new time saving tricks in pandas**

Lesson 34 : **5 new changes in pandas you need to know about**

Lesson 35 : **My top 25 pandas tricks**

Lesson 36 : **21 more pandas tricks**

Lesson 37 : **Data Science Best Practices with pandas PyCon 2019**

Lesson 38 : **Your pandas questions answered webcast**

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business@mindluster.com