Mindluster Platform

About the course Python for data science fundamentals

Course Presenter : Nation Innovation

Python for data science, in this course we will learn how to use Python effectively for data science tasks and real-world data analysis. Weâ€™ll begin with Python fundamentals such as variables, data types, lists, dictionaries, loops, and functions. Then, weâ€™ll dive into key libraries like NumPy for numerical computing, Pandas for data manipulation, and Matplotlib and Seaborn for data visualization. Youâ€™ll also explore techniques for data cleaning, merging, and aggregating datasets. This course provides practical exercises to work with real datasets and prepares you to handle tasks such as exploratory data analysis, basic statistics, and presenting insights. Whether you're preparing for a career in data science or enhancing your data skills, this course offers a strong foundation in Python and its ecosystem. Nation Innovation

Computer Science Category's Courses

Course Lesson(7)

Lesson 1 : **Tutorial 1 Introduction to Data Science Learn DATA SCIENCE**

Lesson 2 : **Tutorial 2 Python for Data Science Learn DATA SCIENCE**

Lesson 3 : **Tutorial 3 Introduction to Natural Language Processing Decision Trees Random Forests**

Lesson 4 : **Tutorial 4 Introduction to Machine Learning Learn DATA SCIENCE**

Lesson 5 : **Tutorial 5 Unsupervised Learning Clustering Techniques Learn DATA SCIENCE**

Lesson 6 : **Python Game Rock Paper and Scissors**

Lesson 7 : **Python project Message Encode Decode Implementation**

Related courses

Linear Algebra for Computer Scientists

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Bubble Sort

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Random Access Memory

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