



DATA ANALYSIS ESSENTIALS WITH PYTHON Course (DAP)

The course covers a range of topics, including data manipulation and preprocessing, exploratory data analysis, data visualization, and basic statistical analysis. You will also learn how to work with popular Python libraries such as Pandas, NumPy, and Matplotlib, which are commonly used for data analysis tasks.

مروری بر دوره

This intermediate course gives you an opportunity to dive into Python programming for data analysis purposes, and it will teach you the foundational skills required in the field of data analytics. The course will introduce you to the main toolkits, concepts, and methodologies employed by data analysts and data scientists, and will teach you how to program in Python in order to obtain, clean, analyze, summarize, and present data accurately and effectively.

آنچه خواهید آموخت

Having completed the course, you will be prepared to attempt the qualification PCAD™ – Certified Associate in Data Analytics with Python certification, and to get your foot in the door to careers in data science, marketing analytics, machine learning, and software engineering.

سرفصل ها

- Python for Data Analysis
- Computer Programming
- Algorithmic Thinking
- Analytical Thinking
- Data Mining, Manipulation, Modelling, and Visualization
- Best Practices in Programming
- Statistical Operations
- Data-Driven Decision-Making

مخاطبان دوره

The Data Analysis Essentials with Python (DAP) course is suitable for data analysts, data scientists, business analysts, researchers, and aspiring data professionals who want to learn data analysis using Python. No prior experience is required, but basic programming knowledge is beneficial.

پیش نیازها

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The prerequisites for the Data Analysis Essentials with Python (DAP) course are basic programming knowledge and familiarity with the Python programming language. Knowledge of statistics and data concepts is helpful but not mandatory.

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