Self-Paced

PYTHON FOR MANAGERS

Unlock Data-Driven Insights: Get Python-Powered for Smarter Decisions

Certificate on successful completion.

Starting 22nd May 2024

24/7 on LMS

PROGRAM OVERVIEW

Level up your managerial game with Python! This intensive program equips you with essential coding skills to unlock data-driven insights, automate tasks, and communicate effectively with your tech team. Master Python fundamentals, dive into advanced libraries like Pandas, conquer data manipulation, and tap into external resources like APIs and web scraping. By the end, you'll be fluent in Python's language, empowered to make smarter decisions, and ready to optimize processes for a data-driven future. Start building your coding confidence today!

COURSE RESOURCE

- Quizzes and Assignments
- 24/7 course available on LMS

WHO SHOULD ATTEND?

- Senior Managers & Executives; Finance, Risk, IT Security & Operations
- Managers; Product/ Project, Risk, Finance & Business
- Data analysts & Business Analysts
- Programmers, Data Scientists, Consultants

PROGRAM OBJECTVE

At the end of the program, participants should be able to:

- Understand the fundamentals of coding in Python and able to interpret practical business applications
- Read and write scripts
- Communicate effectively with programmers in your team
- Build the capacity to organize and interpret data that extends far beyond Excel's capabilities
- Learn how to combine multiple data sources for better insights
- Explore the practical applications of web scraping and APIs

COURSE COVERAGE

Module A: Introduction & Calculation

Lesson 1: Python Introduction
Lesson 2: Variables and Data-types
Lesson 3: User Input and Output
Lesson 4: Using Python for calculations
Lesson 5: Control Statements
      (a) Conditionals
      (b) Loops
Assignment No. 1
Quiz No. 1
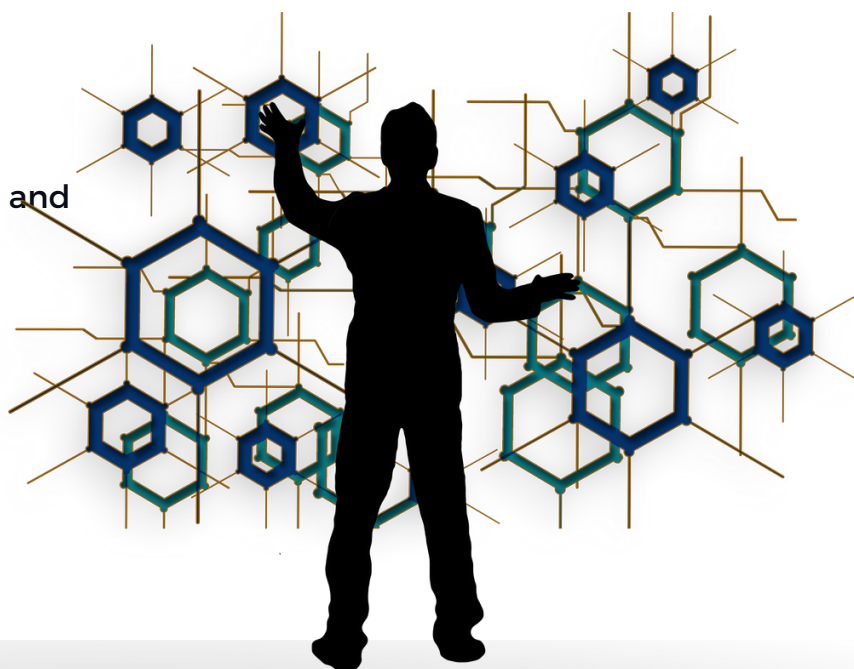
Module B: Advanced Python

Lesson 1: Functions
Lesson 2: Local and global scope
Lesson 3: Lists
Lesson 4: Tuples
Lesson 5: Dictionaries
Lesson 6: Introduction of Python Modules
(Matplotlib, Seaborn, numpy, and pandas)
Practice for each module
Assignment No. 2
Quiz No. 2

Module C: Data Manipulation with Python

Lesson 1: Cleaning Data
Lesson 2: Editing Data frames
Lesson 3: Data Hygiene: Duplicated and Missing Values
Lesson 4: Combining Data
Assignment No. 3
Quiz No. 3

Module D: APIs and Web Scrapping

Lesson 1: Python to Connect to an API
Lesson 2: Using Web Scrapers in Python
Lesson 3: Data Aggregation
Assignment No. 4
Quiz No. 4

TRAINER'S PROFILE

Ahmed Ghamal

Machine Learning engineer at Tarjama.
Python, SQL, Pytorch, Data Science frameworks,
Power BI

Ahmed Gamal is an Applied Data Scientist at Tarjama, the IT company building Machine Translation models. He is also Machine Learning Lead at Udacity. He was previously a data scientist at Unilever Egypt where he has remained in charge of projects for:

Creating dashboard for sales for MEPS (The Middle East + Pakistan + Sri Lanka) region. Automating the generation of analytics reports using Airflow, Python, and Power BI.

Creating a dashboard for mobile Application usage (UFS Sales Pro) that serves as a tracking tool for Unilever He is a Bachelors' in Computer Science and a Machine learning Engineer.

PROGRAM DETAILS

- This is a self-paced program, available 24/7 on LMS

- The course comprises of 4 modules and consists of quizzes and assignments at the end of each module with a 60% passing criteria.

- Live Q&A with the Instructor is scheduled every month

- Virtual Classes 1 hour once a month

Group discounts available.

REGISTRATION & CONTACT DETAILS
Register Here

For more details or customization of training program contact:

Email Us:
jane@ed-watch.org
contact@ed-watch.org

VISIT US
www.ed-watch.org

Call or WhatsApp US
+971 505 653 520
+1 929 361 2818
+92-343-315-9074
+21-3-483-1184

Ed-Watch.org