Macrosoft

Vzdelávanie s trvalým efektom

DOCUMENT

Course syllabus

CATEGORY

Java, Python courses

TRAINING FORMAT

In Bratislava or online with a lecturer

PRICE EXCL. VAT

290,00 €

PRICE INCL. VAT

356,70 €

including 23 % VAT

Macrosoft školiace centrum

Aktuálne informácie na Macrosoft.sk

PDF SYLLABUS

Python Practical Programming with Libraries

Clear overview of course topics, training scope and key information.

The Python Practical Programming with Libraries course is intended for programmers who know the Python language and want to expand their knowledge by working with Python language libraries. The course works with the PyCharm development environment.

COURSE CONTENT

01 **Dates and Time with the PyQt Library**

QDate, QTime and QDateTime classes universal time daylight and winter time

02 **Creating Charts with the Matplotlib Library**

creating and exporting charts line, bar and pie charts

03 **Working with Excel Files with the Openpyxl Library**

reading and writing data formulas, images and charts

04 **Working with Images with the Pillow Library**

image manipulation image export creating a watermark

05 **Creating a GUI with the PyQt Library**

principles of graphical user interface basic components (QLabel, QPushButton, QSlider) event programming working with graphics

06 **Creating Web Requests with the requests Library**

GET, POST, HEAD requests working with JSON data authentication

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07

Web Applications with the Flask Library

basics of web applications routing templates

This document serves as an informational overview of the course syllabus. Current dates, venue and availability are listed at Macrosoft.sk.

https://www.macrosoft.sk/en/courses/python-practical-programming-with-libraries