

Szkolenie: Compendium CE
An introduction to data analysis

FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Tradycyjne	1000 PLN NETTO*	1 dzień
Stacjonarne	Cyfrowe	1000 PLN NETTO*	1 dzień
Stacjonarne	Tablet CTAB	1600 PLN NETTO*	1 dzień
Metoda dlearning	Tradycyjne	1000 PLN NETTO*	1 dzień
Metoda dlearning	Cyfrowe	1000 PLN NETTO*	1 dzień
Metoda dlearning	Tablet CTAB	1000 PLN NETTO*	1 dzień

* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

Cel szkolenia:

During the training we will introduce the participants to the subject of data analysis. The workshops will show how to clean and prepare different kind of data, collected from non-heterogeneous systems, to be then analyzed. All the processing will be done in Python scripts with the publicly available tools. The workshops will cover some common data analysis issues, and the possible solutions to these problems. Any organization gathering any kind of data may find the training useful.

Outcomes

- An access to exclusive materials covering the scope of the workshops
- A good understanding of the basic data analysis processes

Plan szkolenia:

- Introduction
 - An overview of data related professions and terms
 - Defining a problem to make it solvable with data science techniques
- Data preparation
 - Problem definition
 - Collecting the data from different sources: relational databases, HTTP REST API, web

- scraping, etc.
- Different strategies for cleaning and pruning the data, depending on its type and found issues
- Data enrichment for improving its quality
- Exercise 1
- Finding patterns
 - An overview of data characteristics
 - Analyzing collected dataset for finding the underlying regularities
 - Visualizing the outcomes and preparing reports
 - Exercise 2

Wymagania:

- Basic knowledge of Python, preferably some experience with Jupyter Notebook
- Understanding of data structures

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by Compendium CE.

Prowadzący:

Certified Compendium CE Trainer.