

# Python III - development of database applications

Course code: PYTHON\_DB

The course is intended for all experienced Python programmers who want to gain an overview of the possibilities of using this language for accessing data sources. In this course you will learn how to use both SQL and NOSQL databases as well as to use object-relational mapper SQLAlchemy.

Affiliate	Duration	Course price	ITB
Praha	3	13 800 Kč	30
Brno	3	13 800 Kč	30
Bratislava	3	600 €	30

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
14.04.2025	3	600 €	Online	CZ/SK	GOPAS Bratislava online
14.04.2025	3	13 800 Kč	Online	CZ/SK	GOPAS Praha online

The prices are without VAT.

## Required skills:

- Basic knowledge of Python at the PYTHON\_ADV level

## Teaching methods:

- Professional explanation with practical samples and examples.

## Teaching materials:

- Powerpoint handouts and module printouts.

## Course syllabus:

Working with file system

- Modules shutil, pathlib and others

Working with databases

- SQL databases (PostgreSQL, MariaDB, Oracle, MS SQL)
- ORM, SQLAlchemy framework
- NoSQL database (Apache Cassandra, MongoDB)

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