Python Introduction for Data Science

Course Introduction

SoftUni Team

Technical Trainers

Software University

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#PIDS

SoftUni Diamond Partners

Table of Contents

Course Objectives and Scope

Python Introduction for Data Science

1. Data Types, Variables and Simple Operations
2. Conditional Statements
3. Loops
4. Functions
5. Lists
6. Dictionaries
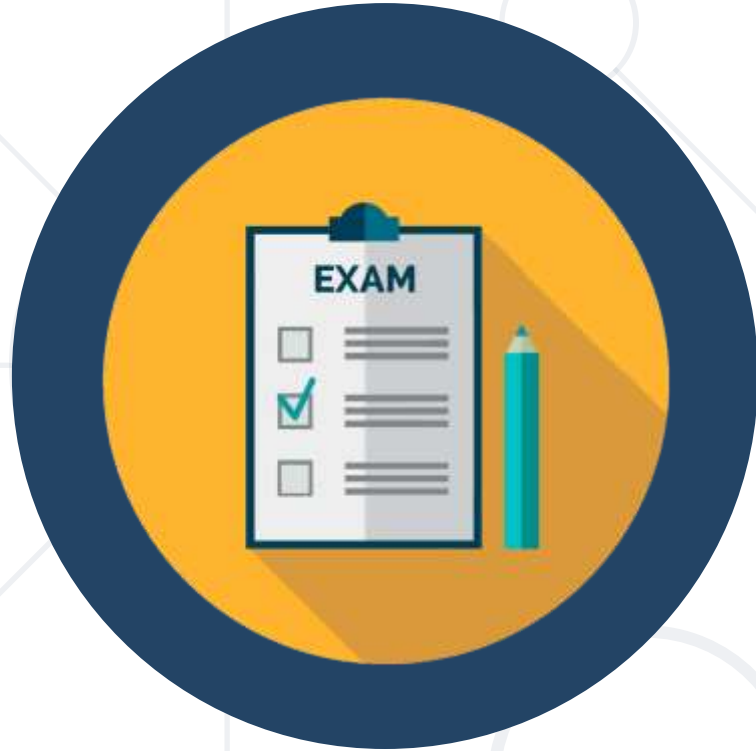7. Objects and Classes
8. Exam Preparation

Training Team

Ivan Shopov

- **DevOps** & **Software Developer** @ **IBM**

- Top Student @ **SoftUni**

- Technical Trainer @ **SoftUni**

- Interested in coding with **Python 3**

Dimitar Haralampiev

- 2+ years **experience in the field**

- Involved in the **development** of **warehouse** and **accounting** software

- Experienced with **C#** and **Python**

Exam

Practical Exam

- **4 Tasks** to be solved in **4 hours**
  - The exam will cover all topics
- Automatically evaluated by the **Judge system**
- Support in **sli.do** during the exam

Theoretical Exam

- You will have **30 minutes** once you enter
  - Multiple-choice with **1** correct answer
  - English
- Automated quiz system
- Available during the **practical** exam and **30 minutes after it**
  - You can submit your answers just **one time**
  - You can navigate through the questions
  - **Advice**: Start it when you **finish** the **practical exam**

Course Organization

Course Timeline

27-Jan-2025   **23-Feb-2025**   **02-Mar-2025**

Python Introduction for Data Science

Start: 27-Jan-2025
Regular Practical Exam: 23-Feb-2025
Regular Theoretical Exam: 23-Feb-2025
Retake Practical Exam: 02-Mar-2025
Retake Theoretical Exam: 02-Mar-2025

SoftUni Certificate

Practical Exam 100%

Evaluation

CPE Certificate

Practical Exam

Evaluation

Theoretical Exam

Course Web Site and FB Group

- Official web site:

  https://softuni.bg/trainings/4923/python-introduction-for-data-science-january2025

- Official Facebook group:

  https://www.facebook.com/groups/pythonintroductionfordatasciencjanuary2025

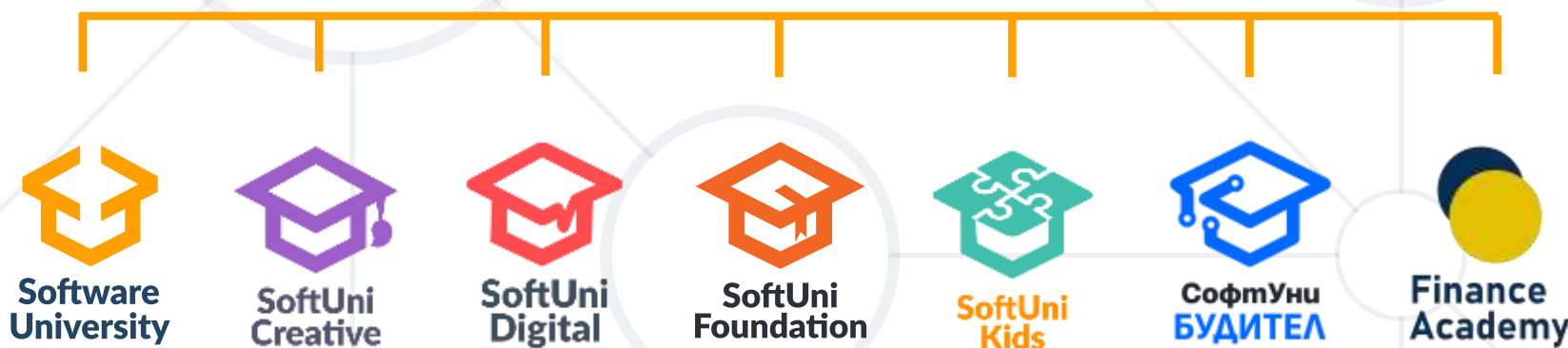# Learn to Search in Internet

- The course assignments require to **search in Internet**

  - This is an important part of the learning process

  - Some exercises intentionally have no hints

- Learn to find solutions!

  - Software development includes **everyday searching and learning**

  - No excuses, just **learn to study**!

  - Developers learn new technologies, tools, languages every day!

Questions?

Trainings @ Software University (SoftUni)

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