

# Rust Fundamentals

### **Group Training**

Training code CGARUST-CD

Spoken Language Dutch

Language Materials English

Dayparts 8

Price €2.700,00

excl. VAT No extra costs.

### What is Rust Fundamentals

In this training you get an introduction to Rust programming language and it's syntax.

You will learn to understand Rust ownership and borrowing concepts. Other subjects covered in the training are:

- Basic data types, variables and control structures
- Functions, closures and modules in Rust
- Structs and enums in Rust
- Traits and generics in Rust
- Understanding Rust error handling and panics
- Concurrency and parallelism in Rust
- Rust standard library and its core functionalities
- File I/O operations in Rust
- Collections and iterators in Rust
- Testing and debugging Rust applications

#### Who should attend Rust Fundamentals

This training is suitable for software developers.

For this training you need a laptop with sufficient rights to install software.

#### **Prerequisites**

Programming experience in another language

During this training you need a laptop on which you can install software: The latest Rust Toolchain and an IDE, preferably Intellij.

#### Objectives



After this training you have an understanding of the fundamentals of the Rust programming language. You learn Rust ownership and borrowing concepts and you develop skills in programming in Rust.

If a third-party copyright applies to this course, you will find the copyright on <a href="https://academy.capgemini.nl/en/topic/trademarks/">https://academy.capgemini.nl/en/topic/trademarks/</a>

Capgemini Academy's general terms and conditions are applied to all products and services mentioned within this document. For the latest version please check <a href="https://academy.capgemini.com/">https://academy.capgemini.com/</a>. The rates of products and services mentioned in this document are subject to change. For the most recent rates, please also visit our website.

## **About Capgemini Academy**

Capgemini Academy's professionals offer what people in IT need. Our professionals have a keen eye for motivation, talent and are aware of specific contexts and circumstances. They move people to move. Programmes and courses that originate from daily experience of our both didactical and substantively strong trainers, light a fire within the individual IT professionals. Real life stories of our professionals' experience that tell how to solve problems and work with the people around it, do the rest.

An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

Capgemini Academy. We transform IT professionals academy.capgemini.nl

N/3A-018.18