# **Learning Outcomes**

A brief summary of what you will learn in this course.

In this course, you will learn:

#### • Getting to Know Rust

- History of Rust
- What is Rust?
- Why Learn Rust?
- Rust Statistics
- Where to use Rust?

#### • Basic Concepts

- Variables and Datatypes
- Operators
- o Conditional Statements
- o Loops
- Functions
- Strings
- Vectors

### • Beyond the Basics

- Structs
- o Enums
- Traits
- Generics
- Modules

## Advanced Concepts

- Memory Management
- · Ournarchin

History of Rust What is Rust? Why Rust? Rust statistics Where to use Rust? Who uses Rust?
Variables
Data Types
Operators
Conditional Statements
Loops
Functions
Strings
Vectors
Structs
Enums
Traits
Generics
Modules
Memory Management
Ownership
Borrowing
Lifetime

- o Ownership
- Borrowing
- o Lifetime

Let's dive right!