

Website: awesome-testing.com

Contact: <https://awesome-testing.com/contact>

Performance Testing with k6 + JavaScript

Design and execute practical load tests in k6 with realistic data, correlation, and business-facing reporting.

Level: Intermediate

Duration: 2 days

Mode: remote, onsite

Languages: PL, EN

Tooling: k6, JavaScript, TypeScript

Details: <https://awesome-testing.com/workshops/performance-k6-javascript>

Key outcomes

- Build reusable k6 performance test scenarios
- Use realistic feeders and token correlation
- Interpret metrics and communicate outcomes to stakeholders

Full program

Overview

This workshop teaches practical performance testing in k6 with JavaScript, from scenario design to execution and business-focused reporting. Participants build reusable scripts and learn how to interpret key metrics for release readiness.

What you will learn

- Design effective load and stress scenarios in k6
- Create reusable JavaScript-based performance scripts
- Handle realistic data, token correlation, and runtime configuration
- Interpret metrics and turn results into actionable recommendations

Workshop agenda

Day 1: Foundations and implementation

- Core performance concepts and objective definition
- k6 setup, project structure, and script lifecycle
- Modeling user journeys and traffic distribution
- Assertions, thresholds, and baseline run strategy

Day 2: Advanced execution and analysis

- Correlation and dynamic data handling
- Environment parameterization and repeatable execution
- Deep analysis of latency, errors, and throughput patterns
- Stakeholder-oriented reporting and optimization priorities

Prerequisites

Basic JavaScript knowledge and familiarity with web/API fundamentals are recommended.