# Mastering Code Security with Sonar

## Part I: Introduction to Code Security and Sonar

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* 1.1 Importance of Code Security in Modern Development
* 1.2 Common Security Vulnerabilities
  + 1.2.1 OWASP Top Ten Overview
  + 1.2.2 Injection Flaws
  + 1.2.3 Broken Authentication
  + 1.2.4 Sensitive Data Exposure
* 1.3 Introduction to Static Code Analysis
* 1.4 Integrating Security into the Software Development Lifecycle (SDLC)

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* 2.2 Key Features and Benefits
* 2.3 SonarQube vs. SonarCloud
* 2.4 Installation and Setup
  + 2.4.1 System Requirements
  + 2.4.2 Installation Steps
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* 3.3 Configuring Project Settings
* 3.4 Running Your First Code Analysis
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* 4.3 Managing Rule Sets
* 4.4 Customizing Quality Profiles for Your Project

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* 5.1 Overview of Analysis Metrics
* 5.2 Identifying and Prioritizing Issues
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* 7.4 Mitigating Cross-Site Scripting (XSS)
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* 8.2 Integrating SonarQube with Jenkins
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#security/development/static-analysis/sonar