

# Web Application Security

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## 1. OWASP Top 10

- Injection
- Broken Authentication
- Sensitive Data Exposure
- Security Misconfiguration

## 2. SQL Injection

- Targets database queries.
- Use prepared statements to prevent it.

## 3. Cross-Site Scripting (XSS)

- Injects malicious scripts into web pages.
- Prevent using input validation and encoding.

## 4. Secure Coding Practices

- Validate user inputs
- Use HTTPS
- Implement authentication controls