

# **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