

What is Spring Boot

- 1. Java Framework:** Spring Boot is an open-source framework built on top of Java, making it easier to develop Java applications.
- 2. Faster Development:** It makes development faster by reducing configuration and boilerplate code.
- 3. Stand-alone Applications:** Spring Boot applications can run on their own without an external web server.
- 4. Embedded Servers:** It often embeds servers like Tomcat or Jetty within the application itself.
- 5. Autoconfiguration:** Spring Boot automatically configures many aspects based on the libraries you include.
- 6. Minimal Configuration:** This allows developers to focus on business logic instead of complex configurations.
- 7. No XML Configuration:** It eliminates the need for complex XML configuration files.
- 8. Production-ready Features:** Spring Boot offers built-in features for health checks, metrics, and externalised configuration for production use.

9. Microservices: Spring Boot is a popular tool for building microservices, which are small, independent services that work together.

10. Security : Spring Boot integrates well with Spring Security, a powerful framework for securing applications. Spring Security offers features like authentication, authorization, and protection against common web vulnerabilities.