**Tools and Technologies Used**

* Spring Boot 3
* JDK - 1.8 or later
* Spring MVC
* Spring Security 6
* Hibernate
* Maven
* Spring Data JPA
* IDE - Eclipse or Spring Tool Suite (STS) or IntelliJ IDEA **// Any IDE works**
* MYSQL

**1. Create a Spring boot application**

Spring Boot provides a web tool called [**Spring Initializer**](https://start.spring.io/) to bootstrap an application quickly. Just go to [**https://start.spring.io/**](https://start.spring.io/) and generate a new spring boot project.

**Use the below details in the Spring boot creation:**

**Project Name:** spring-boot-login-registration

**Project Type:**Maven

**Choose dependencies:** Spring Web, Lombok, Spring Data JPA, Spring Security, Dev Tools and MySQL Driver

**Package name:**com.login.register

**Packaging:** Jar

# 2.Model Layer - Create JPA Entities

In this step, we will create *User* and *Role* JPA entities and establish **MANY-to-MANY** relationships between them. Let's use JPA annotations to establish **MANY-to-MANY** relationships between *User* and *Role* entities.

