## Difference between JPA, Hibernate and Spring Data JPA

### **JPA:**

The Java Persistence API (JPA) provides a specification for persisting, reading, and managing data from your Java object to relational tables in the database.

**Hibernate:**

Hibernate is an object-relational mapping solution for Java environments. Object-relational mapping or ORM is the programming technique to map application domain model objects to the relational database tables.

Hibernate provides a reference implementation of the Java Persistence API that makes it a great choice as an ORM tool with the benefits of loose coupling.

**Spring Data JPA:**

Spring Data is a part of the Spring framework. The goal of Spring Data repository abstraction is to significantly reduce the amount of boilerplate code required to implement data access layers for various persistence stores.

It is a library/framework that adds an extra layer of abstraction on the top of our JPA provider (like Hibernate).