Difference Between JPA, Hibernate and Spring Data JPA:

**JPA (Jakarta Persistence API):**  
JPA is just a specification — basically a set of rules or guidelines that define how Java objects should be mapped to database tables. It doesn’t actually do anything by itself. It just tells you what should be done, not how.

**Hibernate:**  
Hibernate is an actual tool that implements the JPA specification. So, if JPA is like the blueprint, Hibernate is the builder that follows it. It handles all the behind-the-scenes stuff like generating SQL, managing sessions, and mapping data.

**Spring Data JPA:**  
This is a layer built on top of JPA (and usually Hibernate under the hood). It’s part of the Spring framework, and it makes working with JPA really easy. For example, you can just write an interface like BookRepository and Spring Data JPA will automatically create the implementation for you — no need to write queries or boilerplate code manually.