**Difference between JPA, Hibernate and Spring Data JPA**

**JPA:**

* JPA stands for Java Persistence API and it is a Java specification for Object Relational Mapping.
* It main purpose is to define how to map Java objects to database tables.
* Examples: @Entity, @Id, @Column, etc.
* JPA can be used to implement Hibernate.
* Simply says what to do! (Like a blueprint)

**Hibernate:**

* Hibernate is an implementation of JPA and it provides extra features like caching, criteria queries, dirty checking, etc.
* We can use hibernate with or without JPA.
* Hibernate translates Java objects to SQL and vice versa, handling all the low-level JDBC code.
* Example: hibernate.cfg.xml, HQL
* Simply says how to do it!! (Like the actual worker)

**Spring Data JPA:**

* Spring Data JPA is basically a Spring project that removes boilerplate code and is built on top of JPA and Hibernate.
* It removes boilerplate code by allowing you to write only interfaces and lets Spring generate the implementation.
* No need to write DAO classes or even queries, just create a repository interface and Spring does the rest.
* Simplifies everything!!! (Automates process with minimal effort)