



Spring Data JPA Course Contents



SkyRocket your **Coding Career**

The logo for TechXyte, featuring the word "Tech" in black and "Xyte" in red, with a small red star above the "X".

TechXyte

techxyte.com

GET IN TOUCH

enquiry@techxyte.com

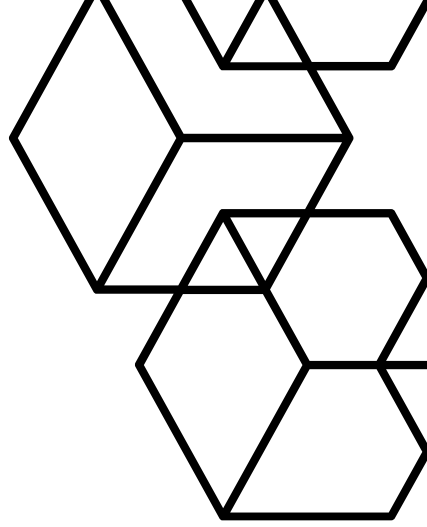
+91 8050 533 513

CHAPTER 1 : INTRODUCTION TO SPRING DATA JPA

- Overview of Spring Data JPA
- Benefits of using Spring Data JPA
- Understanding ORM with JPA
- Configuration using Spring Boot

CHAPTER 2 : DOMAIN MODELING WITH SPRING DATA JPA

- Entities and Relationships
- Defining Entities with Annotations
- Creating Relationships between Entities
- Working with Repositories and JPA Query Methods



The logo for TechXyte, featuring the word "Tech" in black and "Xyte" in red, with a small red star above the "X".

TechXyte

techxyte.com

GET IN TOUCH

enquiry@techxyte.com

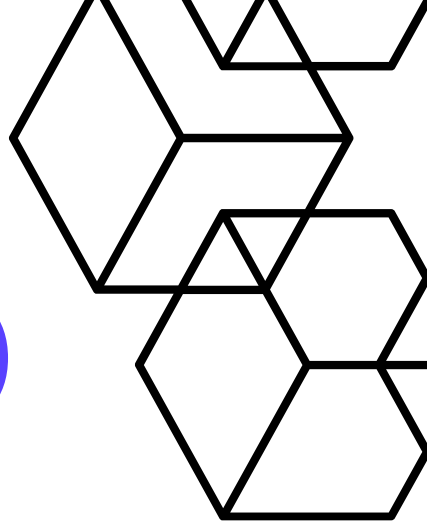
+91 8050 533 513

CHAPTER 3 : ADVANCED QUERIES WITH SPRING DATA JPA

- Using Criteria API
- Working with Native SQL Queries and Stored Procedures
- Using Spring Data Specifications

CHAPTER 4 : TRANSACTIONS AND CONCURRENCY WITH SPRING DATA JPA

- Understanding Transactions and Isolation Levels
- Working with Transaction Manager
- Handling Concurrent Modifications with Optimistic and Pessimistic Locking



The logo for TechXyte, featuring the word "Tech" in black and "Xyte" in red, with a small red star above the "X".

TechXyte

techxyte.com

GET IN TOUCH

enquiry@techxyte.com

+91 8050 533 513

A decorative graphic in the top right corner consisting of several overlapping black-outlined hexagons of varying sizes and orientations.

CHAPTER 5 : TESTING AND DEBUGGING WITH SPRING DATA JPA

- Unit Testing Spring Data Repositories
- Debugging with Logging and Debuggers
- Identifying Performance Bottlenecks in Spring Data JPA