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Hibernate(Java) Course Details

By [A1Training\(PT\)](#)

Course Name	Hibernate
Category	Java
Mode Of Classes	Online/Offline
Demo Classes	At Your Convenience
Training Methodology	20% Theory & 80% Practical
Course Duration	30-35 Hours
Class Availability	Weekdays & Weekends
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Why A1Training?

- Training by highly experienced and certified professionals
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Hibernate Syllabus

Hibernate

Basics of Hibernate

- ✓ Hibernate Introduction
- ✓ Hibernate Architecture
- ✓ Understanding First Hibernate application

Hibernate with IDE

- ✓ Hibernate in Eclipse
- ✓ Hibernate in MyEclipse

Hibernate Application

- ✓ Hibernate with annotation
- ✓ Hibernate Web application
- ✓ Hibernate Generator classes
- ✓ Hibernate Dialects

Hibernate Logging

- ✓ Hibernate with Log4j 1
- ✓ Hibernate with Log4j 2

Inheritance Mapping

- ✓ Table Per Hierarchy
- ✓ Table Per Hierarchy using Annotation
- ✓ Table Per Concrete
- ✓ Table Per Concrete using Annotation
- ✓ Table Per Subclass
- ✓ Table Per Subclass using Annotation

Collection Mapping

- ✓ Mapping List
- ✓ One-to-many by List using XML
- ✓ Many to Many by List using XML
- ✓ One To Many by List using Annotation
- ✓ Mapping Bag
- ✓ One-to-many by Bag
- ✓ Mapping Set
- ✓ One-to-many by Set
- ✓ Mapping Map

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- ✓ Many-to-many by Map
- ✓ Bidirectional
- ✓ Lazy Collection

Component Mapping

Association Mapping

- ✓ One-to-one using Primary Key
- ✓ One-to-one using Foreign Key

Transaction Management

HQL

HCQL

Named Query

Hibernate Caching

- ✓ First Level Cache
- ✓ Second Level Cache

Integration

- ✓ Hibernate and Struts
- ✓ Hibernate and Spring

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