

## **About Core Java Training in Salem**

Spark Databox Core Java Training in Salem is an excellent training program that covers the arrays, methods, and core concepts of Java and object-oriented programming like objects, classes, inheritance, polymorphism, and more. The Core Java training in Salem is administered by professional-trainers according to the most advanced IT industry's demands. You will gain a solid footing in Java by gaining experience in basic to advanced level techniques such as Core Java 8, Java Servlets, JDBC, etc. using industry use cases, and this will help you become an expert Java Professional. As part of the program, students will learn about Java FX and create a fantastic game utilizing the concepts. Spark Databox Core Java Course Training in Salem will be an excellent hands-on learning experience, stuffed with tasks, assessment tests, and activities.

### **Why learn Core Java?**

Core Java is considered one of the most beneficial programming languages, which provides excellent job opportunities. The primary features of Core java include:

- Java is an object-oriented programming language which makes it easy for the learners to learn
- This software can work everywhere
- Java owns productive Application Programming Interface
- Core Java can give you a comprehensive set of open-source libraries
- Javadoc acts as the best documentation for Java
- Java provides robust development tools like NetBeans and Eclipse
- There is fantastic identity patron for Java professionals

### **Who should take up this course?**

Spark Databox Core Java tutorial in Salem is designed for both students as well as for working professionals. And it is also suitable for:

- Software graduates aspiring to start an IT career
- Java Programmer
- Java Development Engineer
- Database Administrators

### **What are the prerequisites for taking up Core Java Training Course in Salem?**

There are no such significant prerequisites for learning the Core Java live project training in Salem. Basic programming knowledge is more enough. However, familiarity with C or C++ language will be beneficial.

## **Course Contents**

### **INTRODUCTION**

- What is Java

- Platform Independent
- JRE, JDK & IDE
- Details on JVM
- Variables and Datatype
- Package

## **OOPS Concepts**

- Advantage of OOPS
- Class
- Methods
- Object
- Access Modifier
- Encapsulation
- Keywords - Static & This
- Method Overloading
- Inheritance
- Object Class
- Array
- Keywords - Super & Final
- Runtime Polymorphism
- Overriding
- Abstract Class
- Interface

## **JAVA String**

- Immutable String
- String Comparison & Concatenation
- Methods of String class
- StringBuffer class
- StringBuilder class

## **Exception Handling**

- What is Exception
- try and catch block
- Multiple catch block
- Nested try and catch
- finally block
- throw & throws keyword
- Finally vs. Final vs. Finalize
- Exception Handling with Method Overriding
- Custom Exception

## **Multithreading**

- What is Multithreading
- Life Cycle of a Thread
- Creating Thread
- Thread Scheduler
- Sleeping a thread
- Joining a thread
- Thread Priority
- Daemon Thread
- Thread Pool & Thread Group

## **Synchronization**

- Synchronization in java
- Synchronized block
- Static Synchronization
- Deadlock
- Inter-Thread communication
- Interrupting Thread

## **Collection**

- ArrayList class
- LinkedList Class
- Iterator and ListIterator interface
- HashSet Class
- LinkedHashSet Class
- TreeSet Class
- Map Interface
- HashMap Class
- LinkedHashMap Class
- TreeMap Class
- Hashtable Class
- Sorting
- Comparable and Comparator Interface
- Vector

## **Java I/O**

- FileOutputStream and Input
- ByteArrayOutputStream
- SequenceInputStream
- BufferedOutput & Input
- FileWriter and FileReader
- Input by Console and scanner

## **Serialization**

- What is Serialization
- Transient Keyword

### **Java AWT & Swing**

- AWT Basics
- Event Handling
- Basics of Swing
- JButton Class
- JRadioButton Class
- JTextArea Class
- JComboBox Class
- JTable Class
- JColorChooser Class
- JProgressBar Class
- JSlider Class
- Graphics in Swing
- Displaying Image
- Edit Menu for Notepad
- Dialog Box

### **Layout Manager**

- BorderLayout
- GridLayout
- BoxLayout
- CardLayout

### **Applet**

- Graphics in Applet
- Displaying image in Applet
- Animation in Applet
- EventHandling in Applet
- JApplet Class
- Painting in Applet

### **JDBC**

- JDBC Introduction
- JDBC Driver
- DB Connectivity Steps
- Connectivity with Mysql
- Driver Manager
- Connection
- Statement
- ResultSet

- PreparedStatement
- CallableStatement
- TransactionManagement

### Core Java Certifications

The Spark Databox Core Java certification training in Salem is recognized by all major global companies worldwide. We provide this certification to new and corporate practitioners after successfully completing theoretical and practical sessions. This increases your resume value, and you can achieve leading job postings with the help of this certification in the world's leading MNCs. Certification is issued only after the successful completion of our training and practice-based programs. Core Java Certification Training in Salem from Spark Databox is framed to help you understand the complexities of the technology in an easy way and prepare you for industrial demands.

### Trainer Profile of Spark Databox Core Java Training in Salem

Spark Databox trainers in Salem certainly have over 10+ years of experience in related technologies. Our trainers are well expertise and fully up-to-date on the course syllabus they teach as they regularly spend time managing on real-world professional applications. And the trainers have sound theoretical and practical knowledge and robust skill set and experience in many real-time projects in their careers. Our trainers carry out the students with complete freedom to explore the course topics and learn based on real-time cases. Our trainers help the learners complete their projects and make them entirely prepared for interview sessions as they are well connected with hiring HRs in top companies. More importantly, the learners are open to ask any doubts at any time.

### Career Opportunities for Core Java

As Java is a widely accepted programming language, there is a great need for Java professionals. And the demand for experts with core Java skills is increasing day by day. So it is important to be familiar with many of the key Java concepts listed in this course content.

Java is the best way of creating web applications as it is very reliable and compact. Java is highly crucial for mobile applications, desktop applications, web applications, embedded systems, and gaming consoles. Nowadays, it is evident that many large businesses use Java.

Moreover, Java is available in a maximum of every application you find. Therefore, there is no doubt that Java offers you a fantastic career opportunity. By registering with the Spark Databox Core Java training institute in Salem can have the exposure necessary to have an extensive learning experience and boost your possibilities of achieving your ideal job.

### Key Features of Course training in Salem

- A well accredited Certified Placement Training center in Salem
- Flexible schedule of batch sessions

- Minimum Core Java Training Cost in Salem with Best Core Java training Practice
- The benefit of free demo classes
- Minimal student batch volume to provide personalized attention to every candidate
- Advantage of attending the missed sessions with the next set of batches
- Professional perspective towards training and utilizing the latest techniques
- Unlimited access to laboratory and practical environment
- Free presentation program for improving the skills of new candidates
- Placement-based training approaches with a large number of practice sessions
- Free placement assistance with 100% placement guarantee
- Rated as the best Core Java training center in Salem

## FAQ

### How do I enroll in the Spark Databox Core Java Training in Salem?

You can contact + 91-4446311234 at any time or go directly to our Training Center in Salem to join our Core Java training in Salem.

### What are the different training methods offered by Spark Databox?

Spark Databox offers a range of training methods suitable for students:

- Classroom training
- Fast track training
- One to one training
- Live Instructor LED Online Training

### How about corporate training discounts or group discounts for our crew?

Yes, Spark Databox offers a group discount for its training plans. Based on group size, we offer discounts according to terms and conditions. For more details, visit our website, contact our support team, or leave a quick inquiry.

### What are the available payment options?

We accept all primary types of payment options, such as Cash payment, Card payment (like Master, Visa, and Maestro), Net Banking, and more.

### How does Spark Databox's refund policy work?

If you are enrolled in classes and have paid, but wish to withdraw the registration for some reason, you can grasp it within the first three sessions of training. Kindly note that refunds will be made within 30 days of the prior request.

### Why should I learn from the Spark Databox?

- Smart classes with corporate expertise
- Study materials focused on organizational needs
- 30+ hour course duration
- Own course materials
- Personal guidance
- Restart the building support
- 24/7 live support