

Scala Programming : 16hrs

- What is Scala?
- Why Scala for Spark?
- Scala in other frameworks,
- introduction to Scala REPL,
- basic Scala operations,
- Variable Types in Scala,
- Control Structures in Scala,
- Foreach loop,
- Functions,
- Procedures,
- Class in Scala,
- Getters and Setters,
- Custom Getters and Setters,
- Properties with only Getters,
- Auxiliary Constructor,
- Primary Constructor,
- Singletons, Companion Objects,
- Extending a Class,
- Overriding Methods,
- Traits as Interfaces,
- Layered Traits,
- Functional Programming,
- Higher Order Functions,
- Anonymous Functions, and more.
- Curry Function

- **Collections** in Scala- Array, ArrayBuffer, Map, Tuples, Lists, and more.
- File Handling
- Exception in Scala
- Multithreading In Scala