



Pune's Leading **IT Training** And Placement **Institute**

Freshers are Fighters,
They Fight for their
First Job!

For Enquiry call on
+91 9172 101 012 | +91 9172 201 101





RS Softtecs begins its journey in 2015, founded by visionary entrepreneur Mr. Rahul Salunke having 10+ years of corporate experience. His mission has been to provide high-quality software training to young talents aspiring to enter the IT industry. Since its inception, many of these aspiring professionals have excelled in their careers, showcasing the success of the training programs offered by RS Softtecs.

With over 250+ IT clients, RS Softtecs has successfully trained more than 10,000 aspirants and placed the majority of the candidates in leading IT companies, making us a trusted partner in shaping future IT professionals.

"Many students from small towns struggle to access quality training and the right guidance to enter the IT industry. Recognizing the gaps in resources and information available to them, I founded RS Softtecs with a vision to bridge this gap. As a responsible individual, I believe it is my duty to contribute to society by empowering these students and providing them with the opportunities they need to succeed."

"Mr.Rahul Salunke"

Director

RS Softtecs.

COMMON FEATURES

TEST ASSESSMENTS & MOCKS

- ▶ Topic-wise weekly Test
- ▶ Topic-wise Assessments
- ▶ Mock Interview Preparation
- ▶ One-On-One Discussion
- ▶ Interview Feedback on Emails



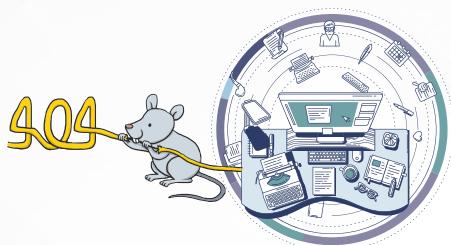
BEST PRACTICES & CODING STANDARDS

- Naming Conventions
- Code Formatting & Style
- Writing Maintainable & Readable Code
- Code Reusability
- Code Auto-generation
- Real Time Scenarios
- Problem Statements & Solutions



SOFT SKILLS

- ▶ 360° Development
- ▶ Resume Building
- ▶ Enhancing Confidence
- ▶ Logic Building Session
- ▶ English Communication



DEBUGGING & TROUBLESHOOTING

- Use of Debugging Tools
- Identifying & Fixing
- Common Errors
- Handling Industrial Scenarios



WHAT MAKES US DISTINCT?

- ▶ Exclusive Recorded Sessions
- ▶ Flexible Batch Switching Option
- ▶ Unlimited Mock Interviews
- ▶ Personalized One-On-One Discussions
- ▶ Industry Expert Trainers



RS Softtecs is a leading IT training and placement institute in Pune. Our Training programmes has been designed and approved by IT experts with the main Vision of providing quality IT training to fresh talents. Our Training Placement module provides a favourable opportunities to fresh IT graduates to maximize their potential and also enables them to boost up their IT career.

- ◆ 100% Free placement assistance.
- ◆ Work on live project experience.
- ◆ 100% Practical oriented sessions.
- ◆ Repetitive Batches as per schedule .
- ◆ Individual attention with 18 candidates per batch.

OUR COURSES



Full Stack Java
4 Months



Software Testing
2 Months



Data Science
3 Months



Salesforce
2 Months



DevOps
2 Months



Data Analyst
6 Months



React
3 Months



AWS
2 Months



Mean Stack Developer
3 Months



.Net
3 Months



Mern Stack Developer
2.5 Months



Internship Program
6 Months



Python
2 Months



Angular JS
3 Months



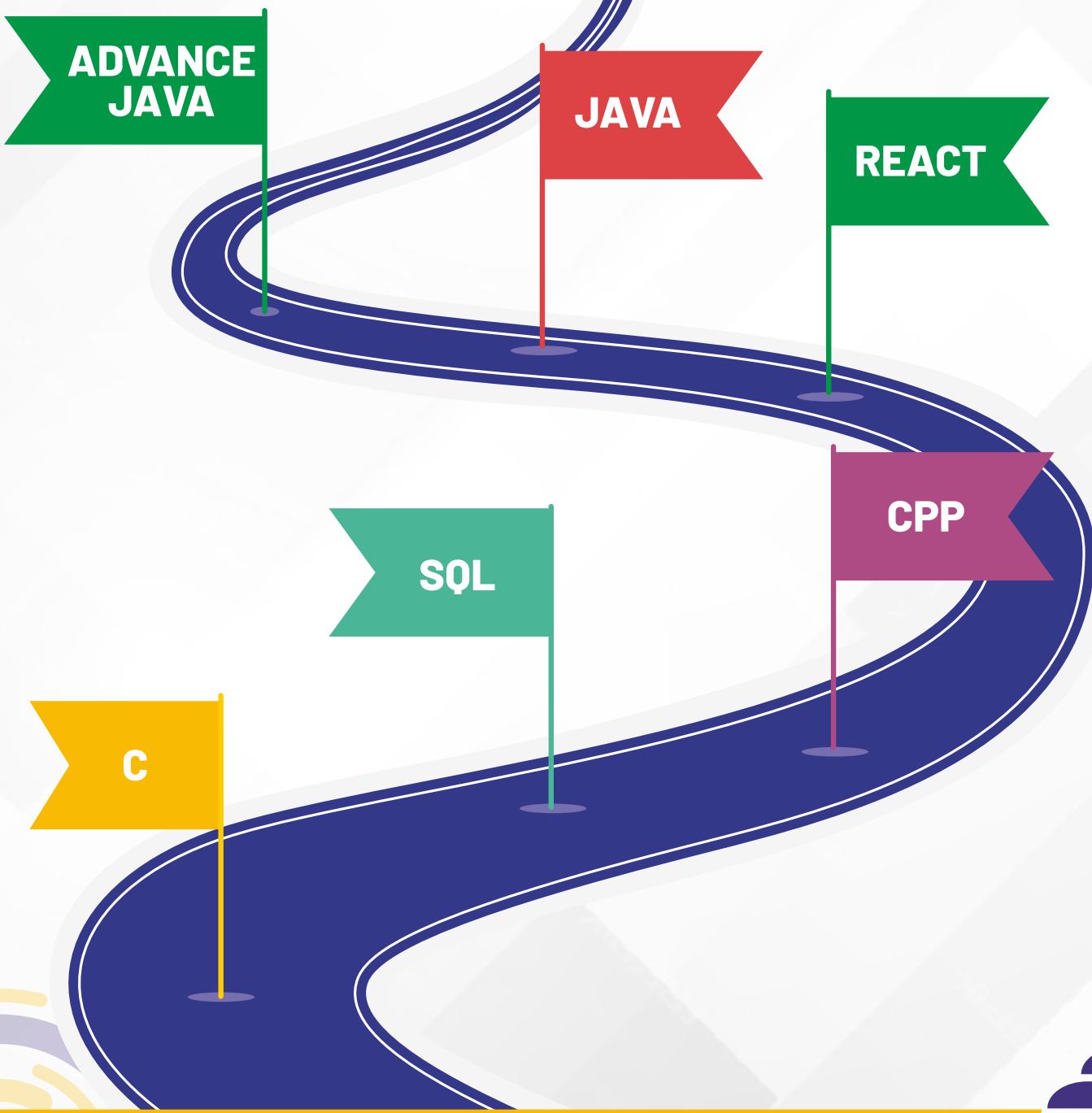
Linux
1 Months

Scan QR Code and Say hi...



For More Details Contact Us, +91 9172 101 012 | +91 9172 201 101

JAVA FULLSTACK



FULL STACK JAVA

(Duration 5 Months)

C

FUNDAMENTALS

Introduction to programming structure
Of C, variables and operators

- Overview of C Language
- Where is it used
- Role of Interpreter
- Your First Program
- Role of Compiler
- Data Type
- How to declare Variables
- ASCII Code Table
- Type Casting
- Operators in C/C++
- Life Cycle of Integer
- Conditional Statement
- If else
- Ternary operator
- Switch case

LOOPS

- Loop Types
- For, while, do while

ARRAY AND STRINGS

Initializing and accessing 1D- array, 2D Array
String as an array of characters, String
Functions

- Array Types
- Single Dimensional array
- Double Dimensional array
- Single Character Array
- String

FUNCTIONS

- Understanding flow of a function
- Components of a function
- Creating user Defined function

POINTERS

Initializing and accessing pointers, pointer
Arithmetic, array as a pointer, pointer to
Pointer

- Understanding Pointers
- Pointer expressions
- Pointer and Arrays
- Pointers and Character String
- Pointers to Functions
- Pointers and Structures Call By
Reference Function

STRUCTURES AND UNION

Defining and accessing variables of a
Structure, structure within structure,
Defining union

- How to declare structure
- How to declare array in structure
- Structure pointer
- Union
- Enum

C++

CLASSES AND OBJECTS

Procedural vs Object Oriented Programming,
What are Constructors And Destructors?

- Oops Concepts
- Class
- Object
- Inheritance

ENCAPSULATION

The Relation: Abstraction and Encapsulation,
getters and setters, access Modifiers, Data
Hiding

INHERITANCE

An IS-A Relationship, Accessing members of
Base and Derived Class

POLYMORPHISM AND ABSTRACTION

Understanding Function Overloading and
Overriding, What is static and dynamic
Binding? Abstract class: Applying
abstraction In classes

- Method Overloading
- Method Overriding
- Static

EXCEPTION HANDLING

What are Exceptions? What is a Runtime
Exception Handling Exception using try
catch and throws

CORE JAVA

INTRODUCTION TO JAVA

History of Java, Java Features, Components
of JDK, Overview of Java

- Introduction of Java
- History and Features of Java
- Difference between JDK,JRE and JVM

JAVA FUNDAMENTALS

Data Types in Java, Operators, Control
Flow Statements

- Variable and Data Type
- if-else, switch Case
- for, while, Do while, for each Loop
- Array
- Type Casting
- Object Oriented Programming in Java

CLASSES AND OBJECTS

Understanding classes and Objects, Methods,
Constructors, Constructor Overloading

- Fundamentals of class & object
- New keyword
- Reference variables
- Member methods of a class
- Constructors
- Finalize method
- Overloading member methods
- Overloading constructors
- Passing and returning objects with
methods
- Access control
- Static methods
- Static variables
- Static block
- Using final keyword
- Wrapper Class
- String Buffer
- String Builder

INHERITANCE

Inheritance basics, Using super and this, Method Overriding, Dynamic Binding

- Basics of inheritance
- Members accessibility in inheritance
- Using super keyword
- Multilevel inheritance
- The sequence of execution of constructors in inheritance
- Method overriding
- Dynamic method dispatch

ABSTRACT CLASSES AND INTERFACES

Abstraction, abstract classes and methods, Interface, Interface Rules, Implementing Interfaces, Abstract class vs Interface

- Abstract classes
- Preventing overriding
- Preventing inheritance
- Purpose of interface
- Defining an interface
- Implementing interfaces
- Interface reference variables
- Interface with variables
- Extending interfaces

EXCEPTION HANDLING

Understanding Exceptions, Exception Types, Exception Handling using try-catch throw And throws, User Defined Exceptions

- Fundamentals of exceptions
- Types of exceptions
- Using try and catch keywords
- Multiple catches
- Nesting of try blocks
- Using throw keyword
- Using throws keyword
- Finally block
- Some predefined exceptions and their

usage

- User defined exceptions

MULTITHREADING

Thread and Process, Creating a Thread, Thread class methods, Thread Priorities, Synchronization, Thread Life-Cycle

- Basics of threads
- Java threads model
- Defining threads using Runnable interface
- Defining threads using Thread superclass
- Multiple threads
- Thread Priority values
- Thread Synchronization using synchronized methods
- Thread Synchronization using synchronized blocks

INPUT/OUTPUT: EXPLORING JAVA I/O

Creating Files and Directories, I/O classes , Serialization, Externalization

- Using String class
- Using java.lang package
- Working with Data & Time
- Utility framework
- Collection framework
- I/O framework

COLLECTIONS AND GENERICS

Collection Framework: Collection Interfaces, Collection Classes, Iterators, The Map Interface, Comparator and Comparable, Generics

- List()
- Set()
- Map()
- Queue()

ADVANCE JAVA

INTRODUCTION TO ADVANCED JAVA CONCEPTS

- Introduction to advanced Java and its significance
- Understanding the need for advanced features & libraries

JAVA DATABASE CONNECTIVITY (JDBC)

- JDBC architecture and drivers chip
- Connecting to databases (MySQL, Oracle, etc.)
- Executing SQL queries using Java
- Statements & prepared statements
- Handling result Sets

JAVA SERVLETS

- Introduction of Servlet
- Servlet lifecycle and request processing
- Handling forms and user inputs
- Session management
- Integration with database

MODEL-VIEW-CONTROLLER (MVC) SERVLET

- Understanding MVC architecture
- Implementing MVC with servlets and JSP
- Developing a complete web application
- Solving company's use cases
- Separation of Layers: Models, Views and Controllers (Industrial)

JAVA SERVER PAGES (JSP)

- Introduction to JSP and its advantages
- JSP architecture and page directives
- Scripting elements: <% %> and <%=%>
- Standard actions: jsp:include, jsp:forward, etc.
- JSTL (JavaServer pages standard tag library)

WEB SERVICES AND APIS

- Developing RESTful web services
- JSON

HIBERNATE

- Introduction to ORM
- Hibernate framework overview
- Mapping entities to database tables
- Operations using hibernate
- Inbuilt function of hibernate
- Criteria & query
- HQL (Hibernate query language)

SPRING FRAMEWORK

- Introduction to Spring
- Dependency injection and inversion of control (IoC)
- Spring annotations
- Database integration with spring (Industrial)
- Aspect-oriented programming (AOP) with spring

SPRING BOOT & MICROSERVICES

- Creating spring boot applications
- Dependency injection
- Spring boot annotations
- Auto-configuration and starter dependencies
- HTTP methods
- Spring boot hibernate integration
- Building RESTful APIs with spring boot
- Solving company use cases
- Introduction to microservices architecture
- Controller and REST endpoints (Industrial)
- Returning plain text or JSON responses
- API testing using POSTMAN
- Application properties & configuration (Industrial)

MODEL-VIEW-CONTROLLER (MVC) SPRING BOOT

- Understanding MVC architecture
- Implementing MVC with spring boot
- Developing web application
- Separation of Layers: Models, Views and Controllers

SQL

INTRODUCTION

- What is SQL?
- Why do we need SQL?
- What is Data Base Management System?
- Types of DBMS
- Execution Of SQL query
- Download sample database

BASIC SQL KEYWORDS

- Basic SELECT Statement
- Limit/Offset
- Order By
- Distinct
- Where
- Comparison Operators
- Null
- Logical Operators
- Aggregate Functions (Count, Max, Min, Avg, Sum)
- Date Functions
- String Function
- Having
- Order Of Keywords
- Wildcard Operators
- Group Function

JOINS

- What are Joins?
- Inner Join
- Full Outer Join
- Left Outer Join
- Right Outer Join
- Self Join
- Natural Join

- Equi Join
- Cross Join
- Cartesian Join
- Non Equi Join
- Using Clause
- On Clause
- SubQueries/NestedQueries/Inner Queries

SQL COMMAND

- DQL : Select
- DML: Insert, Update, Delete
- DDL: Create Table, Alter Table, Add Table, Drop Table , Modify Table, Truncate Table, Rename Table
- DCL:GRANT, REVOKE
- TCL : Commit, Rollback, Save Point

CONSTRAINTS

- View
- Sequence
- Synonym
- Index
- Primary Key
- Foreign Key
- Not Null
- Unique
- Check
- Default

CERTIFICATION

(ON SELF SUPPORT BASIS)

- Oracle Sun Certification exam for OCJP exam for Java
- Oracle Certified Associates for SQL

REACT

(Durations : 3 Months)

- Basics of Javascript and ECMAScript
- Introduction to React
- Role of NodeJs and NPM in React
- Introduction and Implementation of Technologies in Front End Development
- Installation and Benefits of VS Code
- Installation of React plugins in IDE
- Installation of Node, and NPM
- Installation of React
- Data-flow in React
- How to create NPM package for React
- React Component : use and benefits
- How to render view in React
- Different Methods to Render view and Components
- Es6 with React
- JSX
 - a. What is JSX
 - b. Why JSX
 - c. Rules of JSX implementation
 - d. Components with and without JSX
- React Props and State
- React Prop in practice
- React State in practice
- React Developer Tool
- Event Handling
- More about React State: Counter App
- Handling Lists
- Handling User Input
- Styling Your Component
- Basics of React Interview Questions
- Introduction of Bootstrap
- Installation of Bootstrap
- How to implement theme in react
- How to create layout based structure in React
- One Project based on React Js
- Lifecycle methods
- Hooks
 - a. Introducing Hooks
 - b. Using the State Hook
 - c. Using the Effect Hook
 - d. Rules of Hooks
 - e. Building Your Own Hooks
 - f. Hooks API Reference
- Fetching data
- Example app
- Diving deeper interview questions

SALESFORCE

Course Name:

Salesforce Admin + Development

Course Duration :

5 months (Including Project)

Should Some Knowledge: C, SQL, Java

GETTING STARTED

- Create Developer ORG
- Start access to Trailhead
- Access to Salesforce Help & Training

CRM BASICS

- What is a CRM & its basic
- Various Editions, Products offered by salesforce
- Platform Basic
- What is on the Cloud Platform
- What is multi-tenancy

MANAGING USERS

- What are Profiles and their usage
- Permission sets and when to use them
- Importance of Roles & Role hierarchy
- Difference between Roles and Profiles
- Create a user and perform basic setup Activities

SECURITY & DATA ACCESS

- What is Organization-Wide Default
- Sharing Rules and sharing settings
- Understand various means of sharing data within Salesforce
- What are public groups
- What are queues?
 - a. Which objects support
 - b. queues and why
- Understand the concept of manual vs apex sharing
- Object Level access
- Field Level access
- Remote Site Settings

BASIC TERMINOLOGY

- Standard objects and their usage
- Standard objects vs Custom Objects
- Object Relationships
- What is App

NAVIGATION

- Salesforce Classic vs Lightning UI
- Create, Edit, Delete, Search Records
- Setup features and quick search access

BASIC CONFIGURATION SETUP

- Create custom object & connect it to App
- Custom fields and various data types
- Page Layout setup
- Record Type creation and usage
- List view setup
- Validation Rules and their importance
- Home page layout Settings

AUTOMATION

- Workflows
- Approval Processes
- Process Builder
- Lead Conversion Process
- Lead Automation using Web to Lead
- Case Automation using Email to Case
- Escalation Rules
- Assignment Rules
- Auto Response Rules

BUSINESS PROCESS

- What is a complete sales process
- How customer service and support is provided
- What are various types of salesforce community
- Connect all the dots and understand end to end CRM cycle provided by Salesforce

REPORTING AND DASHBOARDS

- Types of Reports
- Filter Reports
- Summarize reports using formulas and visual summaries
- Print, Export, Email reports
- Dashboard components
- Report and Dashboard Access

SALESFORCE LICENSES

- What are the various categories of licenses offered
- Feature licenses and their usage
- Salesforce Sandbox vs Production Org

PACKAGES

- What are the various categories of licenses offered
- Feature licenses and their usage
- Salesforce Sandbox vs Production Org

DATA LOAD

- Understand the concept of data loading
- Import Wizard of Salesforce
- Data Loader usage
- Data Loader settings
- Data Loader vs Import Wizard

DEPLOYMENT PROCESS

- Understand the concept of deployment
- Various tools for performing deployment
- Creation of change set
- Creation of project within eclipse
- ANT Deployment concept

OTHERS

- Custom Labels
- Custom Settings and usage
- Translation Workbench and usage
- Monitoring debug logs
- Basic chatter setup and usage

APEX BASICS AND BATCH CLASS

- What is Apex
- Supported Data Types
- SOQL and SOSL Queries
- Learn ways of query optimization
- Understanding DML Operations
- Concept of Collections
- Batch class methods

APEX TRIGGERS

- Concept of Trigger
- Trigger Event
- Concept of Trigger Pattern
- Concept of Trigger Recurrence
- Bulk Triggers
- Apex Best Practices
- Understand Salesforce Governor Limits
- Learn the concept of Exception Handling
- Learn to use Debug Log

APEX TEST CLASSES

- What is Test Class
- What are the best practices for writing a test class

OTHERS

- Learn custom metadata type
- Learn asynchronous Apex and its usage
- Learn Apex annotations
- Learn to handle custom buttons on standard pages using VF Pages
- Apex Email Services

LIGHTNING

- What is Lightning and what are its considerations
- Lightning Components concept and usage
- How to develop the Lightning App
- Embed Lightning components into Visualforce pages
- Practical Implementation of LWC

INTEGRATION

- Overview of WSDLs
- Patterns of Integration SOAP vs REST API
- JSON Handling and
- Concept of JSON to APEX
- Importance of Remoteite Settings
- Practical Implementation

DATA ANALYST

PYTHON

(Duration : 2 Months)

INTRODUCTION

- What is Python and history of Python?
- Installing Anaconda, Jupyter Notebook
- First Program
- Python Identifiers, Keywords and Indentation
- Comments
- Getting User Input
- Python Data Types
- What are keywords
- What are variables?
- Python Inbuilt Functions

CONTROL-FLOW STATEMENTS

- if-else
- While loop
- For loop
- Range Function
- Break
- Assert
- Pass
- Return
- Coding Assignment

DATA STRUCTURES

- What are Data Structures?
- Lists in Python
- Code Walkthrough on Lists
- Understanding Iterators
- Tuple in Python
- Code Walkthrough on Tuple
- Dictionaries in Python
- Code Walkthrough on Dictionaries
- Sets in Python
- Code Walkthrough on Sets
- More examples on Data Structures

FUNCTIONS

- What are functions in Python?
- Defining and Calling Functions
- Inbuilt Functions
- User Defined Functions
- Lambda Function
- Split Function
- Strip Function
- Map Function
- Filter Function
- Format Function
- Code Walkthrough on User Define Functions
- Regular Expressions Basics

OBJECT ORIENTED PROGRAMMING

- Why do we need Object- Oriented Programming?
- What is a class?
- Abstraction
- Inheritance
- Encapsulation
- What is an object?
- What is Self?
- Constructors
- Global and local variables
- Static and Dynamic Variables
- Polymorphism
- Code Walkthroughs on OOP

EXCEPTION HANDLING AND GUI

- Why do we need to handle exceptions?
- Errors in Python
- Compile-Time Errors
- Runtime Errors
- What is Exception?
- Raising an exceptions
- User Defined Exceptions
- Graphical User Interface in python Tkinter
- Button Widget, Label Widget and Text Widge
- Try....except...else
- Try-finally clause

MISCELLANEOUS TOPICS

- SQL connection with Python using SQLITE Library
- Multi-Threading and Multi-Processing
- Introduction to Web-scraping
- Beautiful Soup Library
- Numpy Library for Data Analysis
- Code Walkthrough On Numpy Library
- Pandas Library for Data Analysis
- Code Walkthrough On Pandas Library
- Matplotlib Library for Data Analysis
- Code Walkthrough On Matplotlib Library
- Revision Sessions
- Assignment Discussions

PROJECT DISCUSSION

- Defining the Business Problem
- Constraints
- Flow Diagrams
- Libraries Used
- Results and Conclusion
- Future Scope
- References

POWER BI

(Duration : 1 Month)

INTRODUCTION

- Introduction to Data warehouse
- Data warehouse Tools
- What is Power BI?
- Power BI – Flow of Activity
- Building Blocks of Power BI
- Power BI – Primary Tools : Power Pivot, Power Query,
- Power View, Power Map, Power Q&A, Power BI Desktop

POWER BI DESKTOP

- Power BI Desktop – Install
- Data Sources and Connections
- Connect to Data in Power BI Desktop
- How to use Query Editor in Power BI
- Advanced Data Changes and Transformation
- Views in Power BI Desktop
- Modeling Data – Manage Data Relationship,
- Create Calculated Columns, Optimize Data Models

DATA ANALYSIS EXPRESSIONS (DAX)

- Data Types in DAX
- Calculation Types
- DAX Functions: Date and Time, Time Intelligence,
- Information, Logical, Mathematical, Statistical, Text
- Aggregate Measures in DAX
- Table Relationships and DAX

CUSTOM VISUALIZATIONS

- What Are Custom Visuals?
- Office Store
- Downloading Custom Visuals
- Importing Custom Visuals in Power BI Report
- KPI Visuals
- Data Binding in Power BI

DATA VISUALIZATION

- Why Data Visualization
- Practices for Data Visualization
- How to use Visual in Power BI
- Reports in Power BI
- Charts in Power BI (Scatter, Waterfall, Funnel)
- Slicers
- Map Visualizations
- Gauges and Single Number Cards

PROBABILITY AND STATISTICS

(Duration : 1 Month)

DISTRIBUTIONS AND VARIOUS TESTS

- What is Random Variable?
- Discrete and Continuous Random Variable
- Normal Distribution / Gaussian Distribution
- PDF and CDF of Gaussian distribution
- Uniform Distribution
- Q-Q Test
- K-S Test
- What is Sampling?
- Types of Sampling
- Descriptive Statistics Central Tendency (Mean/Median/Mode)

- Deviation (Standard Deviation/Variance)
- Population and Sample
- Distributions

INFERRENTIAL STATISTICS

- Correlation Vs Causation
- Hypothesis Testing
- Confidence Interval
- Permutation Resampling Test
- A/B Testing

TABLEAU

(Duration : 1 Month)

INTRODUCTION

- Introduction to Tableau
- Overview of Tableau
- Data visualization and analytics
- Elements of the Tableau dashboard
- Understanding the significance of Tableau Desktop and Tableau Server
- Extensively work with data visualization using line, bar, area, stacked bar, and multiline charts
- Connecting with Excel data

DEEP DIVE INTO TABLEAU GRAPHS

- Deep dive into Tableau Graphs
- Various data representation techniques
- Like Tables
- Graphs and Maps understanding the basics of Tree Map
- Histogram
- Filled Map
- Symbol Map
- Pie Chart
- Trend Lines

NORMAL TABLES AND MULTI MEASURE TABLES

- TABLEAU TABLE JOINS
- Understanding the conditions and methodology for joining Tables
- Knowledge of Multi Table Joins
- Working with Metadata
- Working with Table
- Creation of Calculated Fields
- Duplicating and renaming columns
- Conversion of data types
- Default aggregation

- Hierarchy & groups
- Sorting of multi-dimensional graph
- Tableau sorting

DUAL AXIS GRAPHS

- Working with Dual Line Charts
- Multiline Chart
- Donut Chart
- Pie Chart
- Working with Measure Name and Measure Values
- Learning about the different type of Single Axis Histogram
- Dual Axis Histogram
- Histogram
- Box Plot
- Pareto Chart
- Motion Chart
- Funnel Chart
- Waterfall Chart
- Sets
- String calculated fields
- Date calculated fields

ADVANCE EXCEL

(Duration : 1 Month)

- Date And Time Functions
- Customizing Excel
- File Formats.
- Advanced Paste Special Techniques
- Using Basic Functions
- New In Excel 2013 / 2016 & 365
- Formatting And Proofing
- New Charts - treemap & Waterfall
- Using Power Map And Power View
- Quick Analysis Tool
- Mathematical Functions
- Sorting And Filtering
- Various Charts Gantt Chart, Doughnut Chart, Pie, Column & Area Chart
- Sorting Data Using Custom Sort
- Dashboard Designing
- Data Validation, Creating Drop Down Lists Using Different Data Sources
- Protecting Excel
- Text Functions
- Printing Workbooks
- What If Analysis
- Pivot Tables
- Logical Functions
- Arrays Functions
- Data Validation
- Charts And Slicers
- Lookup Functions
- Smart Lookup And Manage Store
- Excel Dashboard

LINUX

(Duration : 1 Month)

BASIC COMMANDS OF LINUX

- Navigating the Filesystem
- File and Directory
- Operations
- System Information
- Other Useful Commands

WORKING WITH FILES AND EDITORS

- Create and manage files
- Create and manage directories
- View file contents
- Edit files with text editors
- File permissions and attributes
- Search within files
- File compression and archiving

USER ADMINISTRATION IN LINUX

- User account management
- Group management
- User information and settings
- User and group commands
- Switching users and roles
- User environment and profiles

ARCHIVING AND FILTERING

- File Compression and Decompression
- Archiving Files
- Filtering Text Data
- Sorting and Uniqueness
- Text Manipulation
- Combining Commands

JOB SCHEDULING

- Introduction to Job Scheduling
- One-time Job Scheduling with at
- Recurring Job Scheduling with cron
- Understanding cron logs

LINUX PACKAGE MANAGEMENT

- Introduction to Package Management
- Debian-based Systems (APT)
- Red Hat-based Systems (YUM/DNF)
- Other Package Management Tools

PARTITION AND VOLUME MANAGEMENT

- Introduction to Disk Partitions and Volumes
- Partitioning Tools
- Filesystem Creation and Management
- Logical Volume Management (LVM)
- RAID (Redundant Array of Independent Disks)
- Monitoring Disk Usage

FIREWALL - SYSTEMD

- Introduction to systemd
- systemd and Firewall Management
- Firewalld Dynamic Firewall Manager
- Managing firewalld
- Logging and Troubleshooting

NETWORKING

- Networking Basics
- Network Configuration Tools
- Network Services and Utilities

PROCESS AND LOG MANAGEMENT

- Managing Processes
- Systemd and Process Management

BOOT PROCEDURE

- BIOS/UEFI
- Boot Loader (GRUB)
- Linux Kernel Initialization
- Init System
- User Space Initialization
- Graphical Environment (X Window System or Wayland)
- Login
- Shutdown and Reboot

SSH and SCP

- Networking Basics
- Network Configuration Tools
- Network Services and Utilities

AWS

(Duration : 2 Months)

FUNDAMENTALS OF CLOUD COMPUTING

- Introduction to Cloud Computing
- What Is Cloud Computing?
- Types of cloud model
 1. IAAS- infrastructure-as-a-service
 2. PAAS- platform-as-a-service
 3. SAAS- software-as-a-service

INTRODUCTION TO AWS

- Introduction to Amazon Web Services
- AWS Global Infrastructure
- How to create AWS account
- How to set AWS billing budget
- What is Support system
- What is Region and Availability zone
- AWS services.

AWS IDENTITY AND ACCESS MANAGEMENT (IAM)

- Introduction
- Types of users in IAM
- Authentication
- Authorization
- Key method
- Role method
- How to access CLI and GUI

AMAZON SIMPLE STORAGE SERVICE (AMAZON S3)

- Introduction
- AWS Syllabus : RS 2
- Amazon S3 service basics
- Buckets
- Data Consistency Model
- Versioning
- Amazon S3 Advanced features
- Amazon S3 Storage Tiers/Classes
- Life cycle policy
- Cross region replication
- Security

AMAZON ELASTIC COMPUTE CLOUD (AMAZON EC2)

- Introduction
- Ec2- elastic compute cloud
- Elastic IP
- Public IP
- Private IP
- Different different Operation System
- EBS- Elastic block storage
- EFS- Elastic file system
- Bootstrapping

AMAZON VIRTUAL PRIVATE CLOUD (AMAZON VPC)

- Introduction
- Subnets
- Route table
- Internet Gateway
- Nat Gateway
- Dynamic host configuration protocol (DHCP)
- Elastic IP addresses (EIPs)
- Elastic Network interfaces (ENIs)
- VPC Peering
- Security group
- Network access control list (NACL)

ELASTIC LOAD BALANCING

- Introduction
- Application load Balancer
- Network Load Balancer
- Gateway Load Balancer
- Classic Load Balancer
- Understanding High Availability

AUTOSCALING GROUP

- Introduction
- Features
- Advantage
- Manual Scaling
- Dynamic Scaling

DOMAIN NAME SYSTEM (DNS) AND ROUTE 53

- Introduction
- DNS Resolution
- Route 53
- Root level domain
- Basic networking command

CLOUD WATCH

- Introduction
- Understanding CloudWatch
- How to monitoring

AWS LAMBDA

- Introduction
- Getting started with AWS Lambda
- How to create function
- Triggering

RELATIONAL DATA BASE (RDS)

- Introduction to Relational Databases
- What is SQL and NOSQL
- Creating our first database structure in MySQL

CLOUD FRONT

- Introduction
- What is content delivery
- With CDN And Without CDN

DevOps

(Duration :2 Months)

Introduction to DevOps

- What is DevOps?
- Why DevOps?
- Principles of DevOps
- History of DevOps
- SDLC models
- Agile Methodology
- Overview of DevOps Tools
- What is CICD?

Networking Concepts

- Network Fundamentals
- Communication Models and Protocols
- IP Addressing and Subnetting

Linux Administration

- Linux Basics
- Process Management
- SSH Authentication
- System Logs Management
- Package Management

Database Concepts and Shell Scripting

- MariaDB Installation
- Database Backup
- Shell Scripting Basics

Version Control System (Git)

- Git Installation
- Git Commands and Operations
- Advanced Git Operations

Build Tool (Maven)

- Introduction to Maven
- Maven Lifecycle and Setup

Cloud Computing and AWS

- AWS Account Setup
- Ec2, VPC, IAM, Auto Scaling, ELB

Configuration Management

- Ansible, Chef, Puppet
- Ansible Setup and Playbooks

Container Management

- Docker Installation and Setup
- Docker Compose

Container Orchestration

- Kubernetes Basics
- Kubernetes Cluster Setup

Continuous Integration (Jenkins)

- Jenkins Installation
- Jenkins Jobs and Integration

Monitoring Tools

- Nagios and Zabbix
- Server Monitoring

DevOps Projects

- CI/CD Pipeline with Jenkins
- Automatic Deployment using Docker

Software Testing

Manual Testing Syllabus

(Duration: 2 Months)

Introduction of Software Testing

- What is software testing?
- Why is testing necessary?
- Testing Principles
- Best Practices in Testing
- Skills for Testing
- Various Tasks Involved In Testing
- Difference between Verification & Validation
- Difference between QA & QC

Development of Software Application

- Introduction of Software Process
- Phases in SDLC
- Waterfall Model
- Spiral Model
- Prototype Model
- Agile Model
- Scrum methodology
- V-shaped Model

Levels of Software Testing

- Unit Testing
- Integration Testing
- System Testing
- Acceptance Testing

Testing Methodologies

- Black Box Testing
- White Box Testing

Types of Non-Functional Tests

- Security Testing
- Performance Testing
- Compatibility Testing
- Types of Functional Tests
- Process of Testing
- Test Design for Functional Testing
- Test Execution
- Defect Management
- Quality and Process Improvement
- Getting Equipped to Start
- Case Study
- Interview Preparation

Automation Testing Syllabus

- Benefits of Automation Testing
- Introduction to Automation Tools
- Selenium Introduction
- Components of Selenium
- Selenium WebDriver
- Selenium WebDriver Commands
- Locators of Selenium
- Advanced Features in Selenium
- Concept of Framework
- TestNG Framework
- Data-Driven Framework

OUR SUCCESS STORIES



NIKHIL LAVAND

BE Mechanical | Rockwell Automation | 7 LPA

I joined RS Softtecs for Java full stack developer batch. It was really an enriching experience to learn at RS Softtecs. The class mentors are very student friendly, Rahul Sir has huge domain specific knowledge and most importantly they know how to teach a student coming from IT background and non IT background students like me.



GOPAL NEMANE

MCA | Inspirit Vision | 3.6 LPA

It is a great Institute ever. I have learned everything about programming here. And placed in Inspirit Vision....thank you Rahul Salunke sir for giving me this opportunity. RS Softtecs is best Institute in pune for freshers and learners.



SHUBHAM DOSHI

B.Tech Electrical | PTC | 8 LPA

The main attraction of RS Softtecs is Rahul Salunke sir, his domain knowledge way of teaching is just a great and unique. I have never seen such a dedicated teacher in my learning phase. Sir personally takes care of each and every student in doubt clearing and understanding the concepts. I must say that they will take care of each student as their child.



ROHIT PAUL

B.Tech IT | TAS India Pvt Ltd | 2.9 LPA

RS Softtecs class Mostly focus on to build student knowledge not only theoretically but also logically & practically perfect. Placements are also good. They arrange off campus Placements drives in RS Softtecs. I got a good package in a very reputed company through RS Softtecs. So if you want to have a good career in IT Industry in fresher level for that i will highly recommend.



AKSHADA SHEWALE

B.E E&TC | Accenture solution Pvt Ltd | 4 LPA

I have completed my Full Stack training in RS Softtecs Training Institute under Rahul Sir. His way of teaching is very good and unique and very much helpful in cracking interviews. It's a great learning experience for me I just followed his notes and got placed. Thanks for making my dreams come true as a software engineer. Thanks again to RS Softtecs & Team

Search on Google RS Softech for more reviews



www.rssofttecs.com



RS Softtecs



@rssofttecs

OUR STUDENTS



Aniket Sabale

Network Component Pvt Ltd | 2.5 LPA



Ajay Ghotkule

IT Cube Solutions | 4.8 LPA



Ajay Thule

Puratech Solutions | 2.5 LPA



Akshay Bhagat

Axis Technical Group | 3.6 LPA



Balaji Kaspate

Clinivantage Healthcare Technology
2.8 LPA



Bhushan Zumzarao

Cognizant | 4 LPA



Dhananjay Thule

Puratech Solutions | 2.5 LPA



Kalyani Kale

Inspirit Vision | 4.2 LPA



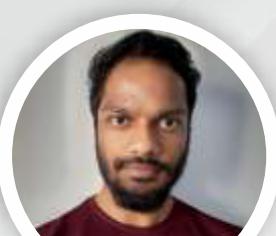
Hemraj Kamble

Inspirit Vision | 3.6 LPA



Hitesh Shevare

Mobiloitte Technology | 2.4 LPA



Jameer Shaikh

Rialties Technology Pvt Ltd | 1.8 LPA



Sahil Kudale

InfoshellTech | 1.8 LPA



Manik Bagul

Inspirit Vision | 3.5 LPA



Manjiri Dani

Coditas | 2.8 LPA



Manjusha Jagtap

TechMahindra | 3.25 LPA



Sanika Lagad

Valenta Pvt Ltd | 3 LPA



Nikhil Wandhekar

Inspirit Vision | 3.6 LPA



Omkar Kadam

Rockwell Automation | 4 LPA



Pandurang Kadam

Inspirit Vision | 4.2 LPA



Parijat Mehare

Inspirit Vision | 3.6 LPA

OUR STUDENTS



Dnyaneshwar Patharkar

Eduquity Career Technologies Pvt.Ltd | 2.5 LPA



Prajyot Deshmukh

Naaptol | 3.5 LPA



Prasad Gore

Inspirit Vision | 3.6 LPA



Pritam Kate

CarPro | 1.8 LPA



Rameshwar Khile

Dxshera Technologies | 2.7 LPA



Rushikesh Chitale

M Software | 2.8 LPA



Rushikesh Kaklij

Infosys | 3.6 LPA



Rutuja Khose

BirlaSoft | 3.94 LPA



Rutuja Pund

CarPro | 1.8 LPA



Shital Chavan

Rockwell Automation | 6.3 LPA



Aditya Kasar

PTC | 8 LPA



Shubham Pathak

Rockwell Automation | 4.7 LPA



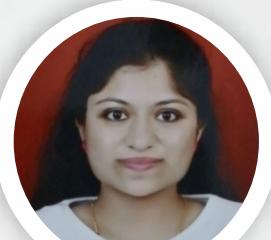
Shubhangi Adamane

Rootware Technologies | 1.8 LPA



Vrushali Pawar

Cognizant | 3 LPA



Megha More

Zensar | 3.2



Suraj Shah

Inspirit Vision | 3.6 LPA



Tejasri Jadhav

Puratech Solutions Pvt. Ltd | 2.5 LPA



Tushar Kale

Global Vision | 3LPA



Urvashi Gandhi

Inspirit Vision | 3.6 LPA



Vikas Hiwale

Puratech Solutions Pvt Ltd | 2.5 LPA



Vishal Patil

PTC | 8 LPA

OUR STUDENTS EXCELLED AND SECURED POSITIONS IN PRESTIGIOUS INSTITUTIONS

Pragmatic	Ubisoft	HSBC
BNT Soft	Wipro	Neilsoft
Naptol	TCS	Accenture
Zensar	Nitor Infotech	Infosys
Senwell Solutions	Softenger	WNS
Inspirit Vision	DSS System	TAS India
CarPro	Axis Software Pvt Ltd	Network Component
IT Cube Solutions	Atos	Senwell Solutions
RockWell Automation	Allscript	Gns Labs
PTC	Mindtree	Accucia Softwares
FIGMD	Tudip	Inspirit Vision
SAVY SOFTWARE	Vyomlabs	Logic Loom
KPIT	Tieto	Rialtics Technologies
QUINSTREET	Pubmatic	Z Pier
Tech Mahindra	Mphasis	And Many More...
Amazon	HCL	
Amdocs	Emtec	
Aurus	Yardi	



EXPERT INSIGHTS



I would like to extend my heartfelt appreciation to RS Softtecs and its visionary founder, Mr. Rahul Salunke, for their outstanding contribution to shaping the careers of aspiring IT professionals. His dedication to sharing real-time industry knowledge with freshers is truly commendable. Mr. Salunke's practical approach, mentorship, and guidance have empowered numerous students to confidently step into the IT industry. Many of the students, who once struggled to find the right direction, are now successfully placed and thriving in reputed companies. His sessions are not just informative but also inspiring, igniting a coding spark in every learner. We are grateful for this impactful collaboration that continues to transform young talent into skilled professionals.

-**Mr.Santosh Borde**

Director, Student Progression and corporate relations for Ajeenkyा D.Y.Patil group of Institutes and Chairman at Federation of Training and Placement Officers.



Appreciation Note for RS Softtecs, Pune and Mr. Rahul Salunke.

Our institution, being located in a rural area, has traditionally faced challenges such as limited exposure to the IT industry and a scarcity of technological resources. However, these gaps have been commendably bridged by RS Softtecs, Pune. Mr. Rahul Salunke has been providing training to our students, and we have witnessed a remarkable transformation in their learning approach.

Thanks to his dedicated efforts, there has been a paradigm shift in students' attitudes toward learning. They have cultivated a strong learning environment, improved their logical thinking, and significantly enhanced their programming skills. The students are now confidently preparing themselves to become industry-ready, aligning their skills with the latest technological advancements.

We are extremely grateful to RS Softtecs for offering such high-quality training and mentorship. Mr. Rahul Salunke's teaching methodology is not only exceptional but also adaptable to students from various academic backgrounds. His ability to simplify complex concepts and engage students effectively has made a lasting impact on their growth and development.

Once again, heartfelt thanks to RS Softtecs and Mr. Rahul Salunke for their invaluable contribution to our student's success.

Dr.C.M.Jadhao

Professor and Principal,

Mauli Group of Institution's College of Engineering and Technology, Shegaon.

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RS Softtecs Institute



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