FIREBLAZE
A.I SCHOOL

Data Science with R
Programming Certification

PROGRAM OVERVIEW

Fireblaze Artificial Intelligence School aims to meet the growing demand for talent in the field of Development by providing industry-relevant training and education to develop business-ready professionals.

We have strong foundation of training students, college faculties and Company professionals. We hold a legacy of training 1000+ students 200+ faculties. Our students are placed in various companies such as Mu Sigma ,Value Labs ,Accenture, Capgemini and many more.

PROGRAM OBJECTIVE

This program of Fireblaze AI School focuses on building candidates foundation in the world of Data. In this program we assume that the candidate has no prior coding experience and train him from basis of programming in Python to performing advanced level of python coding. This would help the participants go from a real world business problem to a first cut, working and deployable Python driven solution to the problem.

This course will focus on practical knowledge more than theoretical rigour. That doesn't mean that we would water down the content. We will try and balance the theory and practice while giving more preference to the practical and applied aspects of Python Programming as the course name suggests. Through the course, we will work on multiple coding assignments to help students grasp the practical details of building Python programming driven solutions. For each Concept in the course, we would provide examples to provide the intuition and show how the idea to used in the real world.

DESCRIPTION OF PROGRAM

- The duration of the program is for 45 Days. Out of which theory to practical ratio is 1:9.
- There are no pre requisite for this course.
- During this 45 Days of Training the candidate will dive in to the world of R Programming and would be made versed with
  - Conceptualisation of R Programming
    - ~ Introduction to R programming language
    - ~ Installation of R commander
    - ~ Working with R Commander
    - ~ Installation of R Studio
    - ~ Understanding R Studio
    - ~ Working with R Studio
    - ~ Installing packages in R
  - Data Structures in R
    - ~ Vector
    - ~ Matrix
    - ~ List

KEY POINTS OF PROGRAM

- ～ Data frame
- ～ Manipulation on Data structures
- ～ Reading CSV file in DataFrame
- Control Statements & Functions
  - ～ Conditional Programming
  - ～ If statements
  - ～ if else statements
  - ～ Loops in R programming
  - ～ For loop
  - ～ While loop
  - ～ Repeat until loop
  - ～ Functions in R programming
- Graphical Features of R
  - ～ Graphical Analysis
  - ～ BoxPlots
  - ～ Line Charts
  - ～ Bar Charts
  - ～ Histograms and Pie Charts

KEY POINTS OF PROGRAM

- Machine Learning Methods with R
  - ~ Linear Regression
  - ~ Support Vector Machines
  - ~ K-NEAREST NEIGHBOR CLASSIFIER (k-nn)
  - ~ K-MeansClustering

KEY TAKEAWAYS OF THE PROGRAM

- Candidates will be provided **Data Science with R Programming Certification** from Fireblaze A.I School.
- Fireblaze Goodies will be provided to the candidates whose performance will be outstanding during the Program.
- Equal opportunity would be given to each candidate for receiving a extended Job offer from Fireblaze Technologies to work as a Junior Data Scientist/ Product Manager depending on the Assessments.

STRUCTURE OF THE PROGRAM

- Duration : 45 Days
- Delivery Mode : Offline
- Location : Fireblaze A.I School, Nagpur
- Vacancies : 10-15 Seats Strictly

For further details you can visit : www.fireblazeaischool.in
And also contact +91-93250 13467

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