ABOUT THE COURSE

PYTHON

Python is an open-source, interpreted, high-level language and provides a great approach for object-oriented programming. It is one of the best languages used by data scientists for managing and analyzing data.

DATA SCIENCE

Data science is an interdisciplinary field that uses scientific methods, processes, algorithms, and systems to extract knowledge and insights from structured and unstructured data and apply knowledge and actionable insights from data across a broad range of application domains. Data Science plays a heavy role in the areas of healthcare, logistics, entertainment, finance, and cyber security.

PREREQUISITE

No prerequisite. However, interest in Data Science is mandatory.

ABOUT THE COLLEGE

Ram Lal Anand College was founded in the year 1964 by the Late Shri Ram Lal Anand, who was a senior advocate in the Supreme Court of India. The college is located against the backdrop of Aravalli Range in the neighborhood of the south campus and can be reached from both sides of the ring road. It has a large campus, spread over ten acres of land with green lawns and an elegant building of architectural merit. The college offers 14 undergraduate courses for students of different streams (Humanities, Commerce, and Science) and one postgraduate degree program in Hindi. Most of the faculty members have Doctoral degrees and possess national and international postdoctoral research experience. The college has state of art infrastructure including 27 ICT-enabled classrooms, a Media Production Centre, Amphitheatre, Seminar Room, and Open Air Theatre.

RAM LAL ANAND COLLEGE

DBT Star College
University of Delhi
Benito Juarez Marg, South Campus
New Delhi - 110021
https://rlacollege.edu.in

PRESENTS

A CERTIFICATE COURSE

on

PYTHON
FOR
DATA SCIENCE

by

DEPARTMENT OF
MATHEMATICS

COURSE OUTCOME

At the end of this course, students will be able to

- Perform basic Python Programming
- Perform data handling using Python
- Perform data aggregation using Python
- Combine different data sets using Python
- Handle missing values using Python
- Create different plots using Python
- Build a Linear regression model in Python

COURSE POTENTIAL

The course has the potential to advance a career as:

- Data Analyst
- Data Scientist
- Business Analyst
- Researcher
- Data Engineer
- Software Developer
- Web Developer

RESOURCE PERSONS

Mr. Nikhil Chauhan (Industry Expert) Specialization: Data Science

Dr. Anisha Khaitan (Industry Expert) Specialization: Operational Research

PATRON

Prof. Rakesh Kumar Gupta Principal

REGISTERATION DETAILS

https://forms.gle/j7rCwVKWZnDAR15NA

Free for students of Ram Lal Anand College

Register before 22 Sep, 2022

For any queries contact: Mr. Sandeep Bhatt (+91 9873626870)

Scan Me

ORGANIZING TEAM

Mr. Sandeep Bhatt (Convenor, Assistant Professor) Email: mathematics@rla.du.ac.in

Mr. Basant Kumar Mishra (Assistant Professor)

Mr. Kapil Kumar (Assistant Professor)

Dr. Pooja Bansal (TIC, Assistant Professor)

COURSE DURATION

Start Date: 24 Sep, 2022
End Date: 12 Nov, 2022
Platform: Google Meet
Duration: 40 Hrs (Weekends only)
Time: 10:00 A.M. - 01:00 P.M.*
(*Last day, 10:00 A.M. - 02:00 P.M.)

ASSESSMENT CRITERIA

Students who fulfill the following criteria will be eligible for the certificate:

- Minimum attendance- 70%
- A combined score of at least 60% in quizzes, assignments/projects.