# DATA FEST

CELEBRATING 8 YEARS OF EXCELLENCE

BOOT CAMPS | COMPETITIONS | HACKATHON | GUEST SPEAKERS

# Python Programming SOP

2 Days Bootcamp

# Schedule

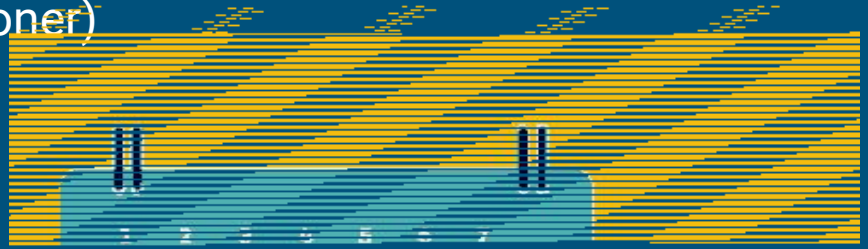
No. of days: 2

Day and Date: Monday, 13 March, 2023  04:00 PM - Onwards

Tuesday, 14 March, 2023  04:00 PM - Onwards

Trainer: Ritviz Singh (Data Science Practitioner)

MOD: Online(YouTube)



# Course Content

- Fundamentals of Python:  Introduction to Python,Interface of google colab notebook, Running Python Programs, Understanding Python Variables,Python basic operators
- Python Data Types
- Python Program Flow Control : Conditional blocks using if, else and elif Simple for loops in python, For loop using ranges, string, list and dictionaries,Use of While loop in python
- Python String, List And Dictionary Manipulations
- Python Functions:Organizing python codes using functions
- Introduction to OOPs Concepts

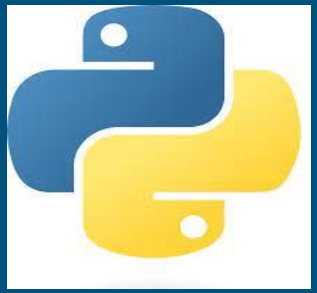
# Guidelines

If the instructor has provided any specific guidelines or rules for the session, make sure to follow them

- Be patient: Technical issues may arise during the session, so be patient and try to troubleshoot the issue before contacting the instructor or technical support.
- Make sure your internet speed is better before joining.
- Join the session on time or a few minutes early.
- Test your equipment beforehand

# Tools and Equipments

Tools: Laptop
Equipments: Google Colab or Jupyter notebook
Google Colab: https://colab.research.google.com/



# Certification Eligibility

To be eligible for bootcamp certification :

1. Attendance is mandatory for both day.
2. Candidate have to complete the assignments given during the session.
3. Assignment should be posted on LinkedIn and submit the link of post in given google form

- Note:

  1. During sessions we will  have small quiz the winning participant will get exciting hampers
  2. Most active participant will be given a chance of internship.

# Social Media Guidance

Steps To Complete Assignment:

1. Post your Assignment(pdf format) on LinkedIn **And** Twitter with proper tagging.

- LinkedIn
  @Indeedinspiringinfotech, @kushal sharma, @NASSCOMM, @NSDL India, @ Ministry of Science & Technology , @Prushal Technology Pvt Ltd

- Twitter
  @Indeed Inspiring Infotech, @NASSCOMM , @NSDL India, @Ministry of Education India, @Ministry of Science & Technology

2. Copy the post link and submit it in provided google form.

# Social Media Guidance

3. Add multiple and innovative hashtags (copy this hashtag): #python #programming #coding #java #javascript #programmer #developer #EducationForAll #ThinkDigitalThinkIndia #futureready #digitaltransformation #ReimagineFuture #Skills4AllAnytimeAnywhere #SkillIndia #engineering #bigdata #datascience #DigitalIndia #EducationForAll #DataFest #Indeedinspiring #Prushaltech

# Important Links

Registration link: https://forms.gle/Wp3ksi4zd3Qj5BfY8

Attendance link: https://forms.gle/CnLFxhZLFdmMVChd7

Task Submission link: https://forms.gle/sjxPwp4FnDWu5cNz6

# Internship Notice

**Position - Data Science Trainee**

- Technical Skills - Python, SQL, R programming, Tableau, Power BI, Big Data, Cloud and ML/DL.
- Possess excellent communication, organizational and creative thinking skills.
- Mode - Online

This is a great opportunity for young and talented individuals to gain valuable experience in the industry.
If you are passionate about learning and have a desire to work with a dynamic team, we invite you to apply for our internship program. The registration process is simple and can be done through our Google form.

**Register Here -**
**https://forms.gle/HAF9aUgy1wZiHRNE9**