

# FREE DATA SCIENCE PREPARATORY SESSIONS

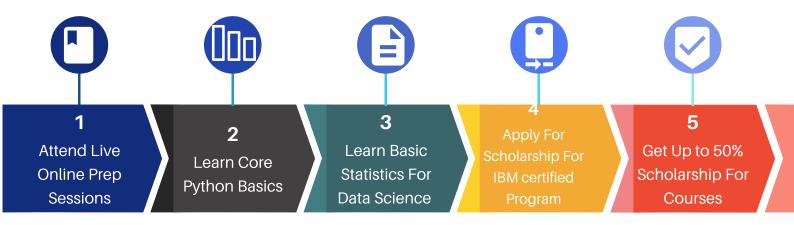
For Working
Professionals With
1+ years of work
exp.

2019/2020 Passout Freshers from B.E/B.TECH/MBA/MC A/BCOM 12 hrs free classes on Python And Statistics Basics Up to 50% Scholarship for IBM Certified Program by Learnbay

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#### FREE DATA SCIENCE PREP CLASSES

12 hours of free live online Python & Statistics Sessions



Register for Free Live Online Data Science Preparatory Sessions by expert.

Learn Core
Python
basics like
python basic
data types ,
loops ,
functions etc

Learn basic statistics and mathematics fundamentals for data analytics Apply for
Scholarship
cum eligibility
test for IBM
certified data
science and
Al Course

Get up to 50% Scholarship based on your score in our eligibilty cum scholarship test.

# **ELIGIBILITY CRITERIA FOR THIS SESSION**

# FOR WORKING PROFESSIONALS:

- Should have more than 1 Years of work experience (in any Domain)
- Should be new to Python Programming

# FOR FRESHERS:

- 2019 and 2020 Passout from B.E/B.Tech/M.TECH/MBA/BBA/BCA
- More than 60% marks throughout.

# **Important Note:**

This free preparatory session is suitable for data science aspirant from non-programming background and learning python as first programming language. If You already know Programming, Please don't attend these sessions

#### **AGENDA FOR THIS SESSION**

12 hours of free live online Python & Statistics Sessions

# Day 1: Introduction To Data Science and Python (2.5 hrs)

- Introduction to data science.
- Difference between data analytics, data science ,AI ,ML and Deep Learning
- How to start your career in data science?
- Job opportunities and career options for professionals.
- Installing Anaconda ,Anaconda Basics and Introduction
- Python Overview
- Writing your First Python Program
- Lines and Indentation, Python Identifiers

# Day 2: Python Basics (2.5 hrs)

- Various Operators and Operators Precedence
- Getting input from User, Comments, Multi line Comments.
- Working With Numbers, Booleans
- Strings, String types and formatting, String operations
- Simple if Statement, if-else Statement
- if-elif Statement

# Day 3: Loop Control & Python Data Types (2.5 hrs)

- Introduction to while Loops.
- Introduction to for Loops, Using continue and break.
- Programs/coding exercise on string, loop and conditions
- Python List and Tuples
- Accessing and Indexing values
- Slicing and Matrices

# Day 4: Data Types contd. and Functions Intro (2.5 hrs)

- Introduction to dictionaries
- Accessing and indexing values.
- various Operations and builtin methods
- Introduction to functions.
- Defining Functions, Calling Functions
- Functions With Multiple Arguments.

# Day 5: Basic Statistics & Mathematics (2.5 hrs)

- Describe or sumarise a set of data
- Measure of central tendency and measure of dispersion.
- The mean, median, mode, curtosis and skewness
- Computing Standard deviation and Variance.

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# **Duration & Timing Of Data Science Preparatory Session**

- Mon to Friday 2.5 hrs everyday
- Timing: 8:00 Pm to 10:30 Pm IST

# Register Free For Session



After attending 12 hrs Data science prep classes, You can apply for scholarship test and avail upto 50% scholarship for below Courses:

# **IBM Certified Data Science & AI Program**

- 6 months (200+ hrs) faculty led classroom session by expert
- 12+ real time project and 2 capstone project
- Guaranteed Job assistance program
- Global Recognised Industry Certification







# IBM certified AI And ML Program

- 8 months (250+ hrs) faculty led classroom session by expert
- 12+ real time project and 2 capstone project
- GuaranteedJob assistance program
- Global Recognised Industry Certification



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