



DATA SCIENCE WITH PYTHON



COURSE CURRICULUM

OBJECT

you will learn the foundational concept of neural networks and deep learning. This program will help you understand the capabilities, challenges, and consequences of deep learning and prepare you to participate in the development of leading-edge technology. It provides a pathway for you to gain the knowledge and skills to apply machine learning to your work, level up your technical career, and take the definitive step in the world of AI.

OUTCOME

By the end, you will be familiar with the significant technological trends driving the rise of deep learning; build, train, and apply fully connected deep neural networks; implement efficient (vectorized) neural networks; identify key parameters in a neural network's architecture; and apply deep learning to your own applications.

PREREQUISITE

Participants should have a Basic knowledge of Programming.It would be an advantage for participants to have some prior knowledge of Math .

COURSE CONTENT

Python 3:

- Hello, Python
- Function
- Booleans and Conditionals
- Lists
- Loops
- Strings & dictionaries
- External libraries

Data science:

- What is data science?
- Basic math of data science
- Linear regression
- Basic ml with external libraries

Deep learn:

- Introduction to deep learn
- Neural network basics
- Shallow neural networks
- Deep neural networks

Project:

- Project submission

Additional:

- Kaggle notebook
- Colab notebook
- Git
- Streamlit framework
- Flask (introduction)

DURATION

60 Days



aagaz@bbr.org.in



www.internship.bbr.org.in

+91-7014019757,+91-7023995999