

#### Learn from Seasoned Expert

# Edufiesta

#### Powered by Umeed Social and Economic Development









Bootcamp commences on 28th NOV

# Personality Development



#### Delivering Presentations

**Public Speaking** 

Group Discussions & Debates

## ML/AI & DS Bootcamp







Al and Data Science Frameworks.

Real world ML Projects.

Basics of Data Science and Programming.

# Spiritual Wellness









Yoga & wellness

Enlightening Spiritual sessions

# Edutainment Events







Mantra Rock

**Interactive Games** 

**Drama & Theatrics** 

#### Hands On Live Projects

#### AI/ML Workshop



#### **Python Basics**



- Python Syntax
- Data Structures
- Control Structures
- Functions
- Modules

#### **ML Essentials**

- Intro to ML Concepts
  - Types
  - Workflow
- Perceptrons and Neural Networks
- Scikit-Learn
  - Implementation
  - Evaluation

### Data Processing

- Numpy
  - Arrays and Matrices
  - Statistics & Operations
- Pandas
  - Series and Dataframes
- Data Cleaning

## Hands-on ML Projects

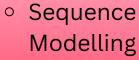


- Intro to Image Data
- Preprocessing
- Modelling
- Training
- Evaluation & Tuning
- Projects

### Introduction to Natural Language Processing

- Intro to NLP
- Text Preprocessing
  - Tokenization
  - Lemmatization
  - Stemming
  - BoW, TF-IDF

Text Prediction
Basics



Hands-On
Implementation

# **BOOTCAMP EXPENSES**



#### **IMPORTANT GUIDELINES FOR STUDENTS**

- The Bootcamp will be organized at UMEED Bhavan(s) near IIT (BHU) and MNNIT Prayagraj with following inhouse facilities -Spacious Guest House for Accommodation, Mega Kitchen & Hall for Fooding, Classrooms & Seminar Halls equipped with modern facilities, Yoga Hall for Morning Yoga & Meditation - all at one place.
- Participants will not be allowed to take outside food and will not be allowed to visit other places in the city without prior permission.
- This is a certified training program being arranged by UMEED Foundation. Each participant will receive a project completion certificate on successfully completing this training.
- The Bootcamp commences on 28th November, 2024 and will conclude on 5th December, 2024.

#### REGISTRATION



Visit : umeedfoundation.co.in



Industry Oriented

#### ORGANIZERS







Dhawal Patel Director UMEED, SDE 2 Citrix, B.Tech MNNIT

#### Abhisek Pradhan Ex MathWorks, Ex Shipsy B.Tech - IIT BHU

Avinash Jha Project Manager UMEED B.Tech - MNNIT

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Ameya Katare IIT BHU CSE - IV Year Upcoming Intern @Mastercard Achuta Rakesh IIT BHU CSE V Year Quantum Computing Inter @ Japan University

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#### **EVENT COORDINATORS**







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### VOLUNTEERS

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