DEPARTMENT OF COMPUTER SCIENCE

MIRANDA HOUSE

PRESENTS AN ADD ON COURSE

Machine Learning and Deep Learning Techniques for Data Science and Analytics – A Hands on Approach Using Python: Part I

PART II WILL BE ANNOUNCED SOON!

Course Highlights

- Python Programming Basics
- Chatbot Creation
- Data Collections (List, Tuple, Dictionary, Set)
- Functional Programming
- Web Scraping and API Calls
- Data Science Life Cycle
- Data Preprocessing
- Statistics (Mean, Median, Standard Deviation, etc.)
- Data Visualization (Matplotlib, Seaborn, Plotly)
- Machine Learning Introduction (Regression, Classification)
- Feature Selection and Dimensionality Reduction
- SVM and Decision Trees
- Capstone Project

Outcomes:

- Web based Chatbot application
- Product/Movie Search Engine with Web Scraping
- News Search based on API Calls
- Dashboard for Data Analysis with real time datasets
- Disease Precdiction Web Application

REGISTER HERE

Course Fee : ₹8000/- **Resource Persons**: Industry Experts

Duration: 36 hours in 15 online sessions on weekends and holidays

Attendance : 80% attendance mandatory for certificate

Knowledge of Programming (any language) will be an added advantage to the participant

LAST DATE TO REGISTER: OCTOBER 19TH, 2023

LAST DATE TO PAY FEE: OCTOBER 23RD, 2023 BY 12:00PM

COURSE START DATE: OCTOBER 24TH, 2023

ELIGIBILITY: OPEN TO ALL DELHI UNIVERSITY STUDENTS **(LIMITED SEATS)**

FOR MORE DETAILS CONTACT: ASHOK SIR: 9999399354

DEPARTMENT OF COMPUTER SCIENCE

MIRANDA HOUSE

PRESENTS AN ADD ON COURSE

Machine Learning and Deep Learning Techniques for Data Science and Analytics – A Hands on Approach Using Python: Part II

Course Highlights

- Introduction to image processing
- Image classification case study
- Introduction to Deep learning
- Image processing using Deep Learning
- Introduction to Unsupervised Learning
- Ensemble methods
- Introduction to Text Processing
- Autoencoders
- Generative Adversarial Networks
- Chat GPT and Bard
- Generative AI and Large Language Models

Outcomes:

- Object Detection and Classification using Machine Learning and Deep Learning
- X-Ray Image Classification using Deep Learning
- Sentiment Analysis using NLP
- Image Clustering like Google Photos

REGISTRATION DATE AND MORE DETAILS TO BE ANNOUNCED SOON)