

2/ 4-Weeks Online Live

FDP | Internship Training | Industrial Training

on

AI, Machine Learning, Deep Learning, Computer Vision, NLP & Chat GPT)

Training Duration:

Duration	Training Hours per day	Total Training Hours
4-Weeks	3-hours (Mon-Friday)	60 Hours
2-Weeks	3-hours (Mon-Friday)	30 Hours

Training Highlights:



10+ AI Projects will be covered during the training.



Total 60+ Hours (4-weeks)

online Live Training.



Training includes: Assignments, Projects with Code, Training PPT's & Recording.



The **certificate of completion** will be provided to each participant by Eduxlabs in assocaition with Mechanica IIT Madras

Certifications:

We offer following type of training certificates

- 2/4 Weeks Training Completion Certificate from Eduxlabs in association with Mechanica IIT-M
- 2/4 Weeks FDP Certificate of Completion from Eduxlabs association with Mechanica IIT-M
- 2/4 Weeks Industrial Certificate of Completion from Eduxlabs association with Mechanica IIT-M
- 2/4 Weeks Internship Completion Letter from Eduxlabs (Only for Internship Participants)



2 / 4-WEEKS TRAINING PROGRAM:

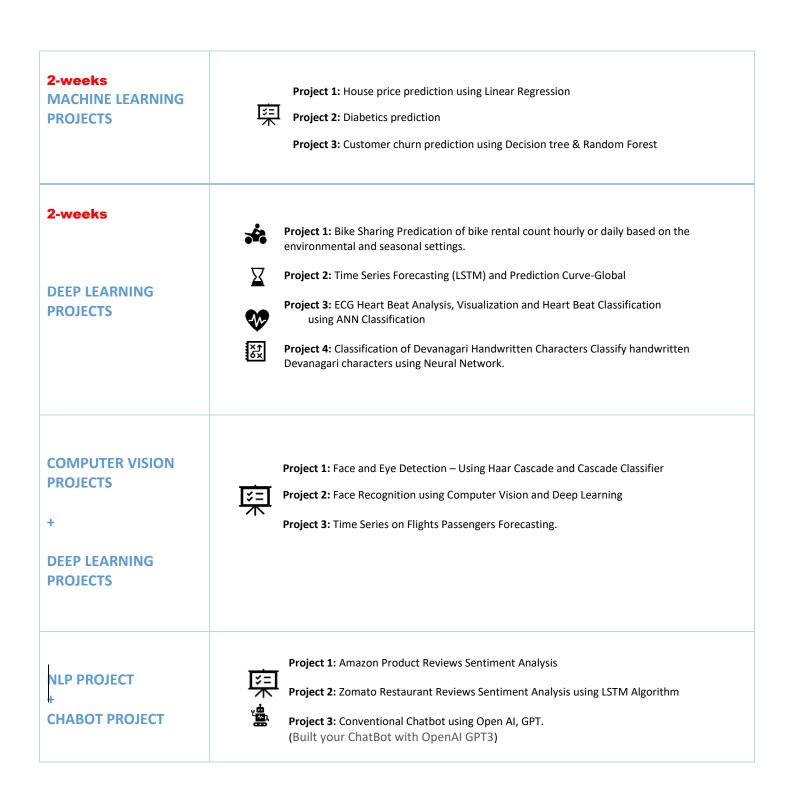
4-WEEKS	MODULE	Hours
1 st -week	 Python Programming from scratch Data Processing using Python Data Science fundamental 	15-Hrs
2 ND -WEEK	 Data Analysis using Python Data Visualisation using Python Machine Learning Foundation 	15-Hrs
3 RD - WEEK	 Machine Learning Intermediate Machine Learning Advance Recommendation Systems Deep Learning Foundation Deep Learning Advanced 	15-Hrs
4 ^{тн} - week	 Computer Vision Natural language processing (NLP) Chat Bots Time Series 	15-Hrs

To Know More Visit:

https://www.eduxlabs.com/machinelearning



4-WEEKS - TRAINING PROJECTS COVERED





2/ 4-WEEKS COURSE CONTENT

ON

AI & Machine Learning, Deep Learning, Computer Vison ,NLP & Chabot

2/ 4-Weeks	MODULES
2/ 4-Weeks 1 st – Week Data Analysis Fundamentals with Python Python •Pandas	MODULES Module 1: Data Science Fundamentals Introduction to Data Science Introduction to Machine Learning Artificial Intelligence vs Machine Learning Artificial Intelligence vs Machine Learning Benefits of Machine Learning w.r.t. traditional methodologies Deep Learning - Introduction How DL is different from all other Machine Learning methods Supervised and Unsupervised learning Reinforcement Learning Al Training & testing flow Classification and Regression in Supervised Learning Clustering and Association in Unsupervised Learning Types of Algorithms Data Science Flow & Essentials
•Matplotlib Seaborn	 Module 2: Python Fundamentals [CORE] Overview of Python- Starting with Python Python data types: Primitive Core built-in data structures – Lists, Tuples, Dictionaries String, String built-in methods Data manipulation tools (Operators, Functions, Packages, control structures, Loops, arrays etc) Loops and Conditional statements Python UDFs – def keywords Reading and writing files Module 3: Data Manipulation With PANDAS Concept of Packages/Libraries - Important packages (NumPy, SciPy, Pandas) Importing Data from various sources (CSV, txt, excel, access etc) Exporting Data to various formats Data Manipulation steps (Sorting, filtering, duplicates, merging, appending, sub setting, derived variables, sampling, Data type conversions, renaming, formatting etc) Scaling and Normalizing data Pre-processing and Feature Selection.
Data Visualization & EDA	 Module 1: Data Visualization Seaborn Matplotlib Time series Plot of Covid19 Data Coronavirus 2019-20 Visualization on World Map





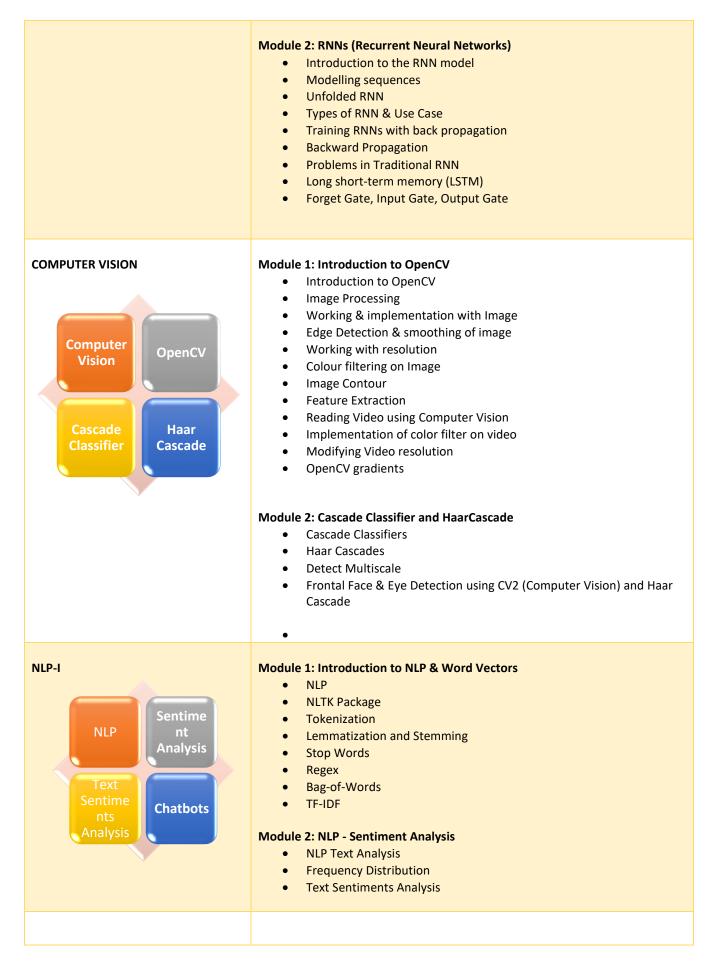














Chatbots and OpenAl	Module 1: Chatbots
	Chatbot Introduction
	Chatbot Flow and Architecture
	OpenAl Introduction
	• GPT3
	Built your ChatBot with OpenAI GPT3

Participant Eligibility & Prerequisite:

- The program is open to the Faculty/ Research Scholars/ Students of science & Engineering institutes and working IT professionals are also, eligible.
- There are no prerequisites for this training, you will learn AI from scratch.

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