

ARTIFICIAL INTELLIGENCE

machine learning



TRAINING PROGRAM IN MACHINE LEARNING & AI

3 MONTHS | CLASSROOM



TechSim+ is an education platform to help individuals develop their professional potential in the most engaging learning environment. At TechSim+, we are working towards transforming this education wave into a tsunami! We are taking a full-stack approach of leveraging content, technology, marketing and services to offer quality education at scale in partnership with corporates & academics to offer a rigorous & industry relevant program.

The field of Data Science is maturing rapidly and demands professionals skilled not only in Statistics, but also in advanced concepts such as Natural Language Processing and Neural Networks. Our vision is to design and deliver a quality Training in Machine Learning/AI to produce top-notch Data Scientists and Machine Learning experts and help India capitalize the next wave of Artificial Intelligence. With TechSim+, we promise to equip you with the perfect mix of business acumen and technical capabilities to help you contribute to this technological revolution.

Prateek Mishra

Co-Founder
TechSim+

WHY MACHINE LEARNING & AI WITH TechSim+?



PROGRAM FROM TechSim+

Earn a reputed Industry Certificate.



CUTTING EDGE CURRICULUM

Master advanced machine learning and artificial intelligence concepts



SMART LEARNING

Lectures squeezed into 30-minute learning sessions, and 90 minute Practical sessions.



FOR THE INDUSTRY, BY THE INDUSTRY

Learn application through Live projects.



CAREER SUPPORT

Get 360 degree career support and get introduced to the right opportunities to upgrade yourself



INDUSTRY PLACEMENTS

Receive 3 Placement opportunities in AI & ML industries to create your milestones

PROGRAM CURRICULUM

PRE-PROGRAM PREPARATION

INTRODUCTION TO PYTHON

Get acquainted with Data Structures and Object Oriented Programming

INTRODUCTION TO SQL & NoSQL

Learn SQL & Mongo DB for querying information from databases

MATH FOR DATA ANALYSIS

Brush up your knowledge of Linear Algebra, Matrices, Eigen Vectors and their application for Data Analysis

MACHINE LEARNING

LINEAR REGRESSION

Learn to implement linear regression and predict continuous data values

NAIVE BAYES AND LOGISTIC REGRESSION

Understand how supervised learning is used for classification

CLUSTERING

Learn how to create segments based on similarities using K-Means and Hierarchical clustering

SUPPORT VECTOR MACHINES

Learn to classify data points using support vectors

DECISION TREES

Tree- based model that is simple and easy to use. Learn the fundamentals on how to implement them.

NATURAL LANGUAGE PROCESSING

BASICS OF TEXT PROCESSING

Get started with the Natural language toolkit, learn the basics of text processing in python

LEXICAL PROCESSING

Learn to extract features from unstructured text and build machine learning models on text data

SYNTAX AND SEMANTICS

Conduct sentiment analysis, learn to parse English sentences and extract meaning from them

OTHER PROBLEMS IN TEXT ANALYTICS

Explore the applications of text analytics in new areas and various business domains

DEEP LEARNING & NEURAL NETWORKS

INFORMATION FLOW IN A NEURAL NETWORK

Understand the components and structure of artificial neural networks

TRAINING A NEURAL NETWORK

Learn the cutting-edge techniques used to train highly complex neural networks

CONVOLUTIONAL NEURAL NETWORKS

Use CNN's to solve complex image classification problems

RECURRENT NEURAL NETWORKS

Study LSTMs and RNN's applications in text analytics

CREATING AND DEPLOYING NETWORKS USING TENSORFLOW AND KERAS

Build and deploy your own deep neural networks on a website, learn to use tensorflow API and keras

REINFORCEMENT LEARNING

INTRODUCTION TO RL

Understand how machines can be programmed to learn by themselves

EXACT METHODS

Learn the math behind Exact Statistics - Dynamic Programming, Monte Carlo methods,

APPROXIMATE METHODS

Learn policy gradient methods and their applications in learning

PROGRAM DETAILS

PROGRAM STARTS

21st Jan 2019

WEEKLY COMMITMENT

12 hours per week

- 4-5 hours of asynchronous learning time
- 5-7 hours of assignments & projects
- 1 live Project Discussion Every Week

DURATION

3 Months

PROGRAM FEE

INR 15,500 (Incl. of all taxes)

Flexible Payment Options Available

ELIGIBILITY

Bachelor's/Master's degrees in Computer Science/Engineering/Math/Statistics/Economics/Science with a minimum of 50% marks in graduation

SELECTION PROCESS

Candidates are expected to fill out an application form and then undergo a selection test to assess college-level mathematics and basic programming skill

EXAM DATE:

Date: 19-Jan-2019

Get Register for Attend This Exam.

For Registration & further details, call us at +91-9893762256:

Address: 3rd Floor Kalpataru Tower Z-II MP Nagar Bhopal - 462011