Learn Till You Get Placed

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Industry Grade Curriulcums

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Advanced Data Science AI course

✅ Received 9 Prestigious Ed-tech Awards

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✅ 720+ Batches completed

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COURSES OFFERED

- ⭐ **Data Analytics**
- ⭐ **Data Science**
- ⭐ **Artificial Intelligence**
- ⭐ **Gen AI**
- ⭐ **Data Engineering**
- ⭐ **MLOps**

> **CELEBRATING 10 GLORIOUS YEARS IN CREATING SUCCESSFUL CAREERS**

Earn up to 45,000 INR while Learning you favorite course

COURSE PREVIEW

1. Business Understanding
2. Python
3. PowerBI
4. Tableau
5. MS Excel
6. SQL
7. Machine Learning Algorithms
8. Statistics
9. Python Advanced Concepts
10. Cloud
11. NLP
12. Deep Learning
13. OpenCV
14. Generative AI **(Add-on)**
15. Soft skills Preparation
16. Monthly tests
17. Weekly Mocks
18. Presentations
19. 1:1 Resume Build Sessions
20. Unlimited Interviews Till You Get Placement

Recent PLacements at SOCIALPRACHAR *An Initiative By IIM Alumni* **with CTC 3-8 LPA**

tcs TATA CONSULTANCY SERVICES	Infosys	wipro	pinaca INDIA
24	11	14	08
accenture	Cognizant	darwinbox	FUJITSU
06	04	02	02
Capgemini	DXC TECHNOLOGY	INFOANE DEVELOP. SERVE. SUPPORT	DELTA TECHNOLOGY
03	02	05	02
fractal	TIGER ANALYTICS		
08	02		

11300+ Placements since 2014

Its Your Turn Now!!! | Get your Dream Job in just 100 days

16000+ Success Stories since 2014

Teja Swaroop
Data Scientist

80% Salary Hike

Pre Social Prachar → Post Social Prachar

Placed At
Ascent Company

Than Than Swe
AI Software Engineer-Tricubics

80% Salary Hike

Pre Social Prachar → Post Social Prachar

Placed At
Tricubics Company

Divya Sree S
Junior Data Scientist-onPassive

130% Salary Hike

Pre Social Prachar → Post Social Prachar

Placed At
ONPASSIVE Company

Chandra Sekhar K
Machine Learning Engineer

100% Salary Hike

Pre Social Prachar → Post Social Prachar
PINACA

Placed At
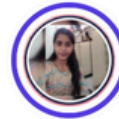**Pinaca Teachnologies**

Pramod Kumar M
Data Science

70% Salary Hike

Pre Social Prachar → Post Social Prachar
CISCO

Placed At
Cisco company

Navaneetha Karli
Machine Learning Engineer

120% Salary Hike

Pre Social Prachar → Post Social Prachar

Placed At
Saptang company

Karthikey Singh
Sr.Software Enginer L1

60% Salary Hike

Pre Social Prachar → Post Social Prachar
TFT

Placed At
TFT Technologies

Apurva Souda
Data Scientist

50% Salary Hike

Pre Social Prachar → Post Social Prachar
FUSIONS

Placed At
Fusions company

Hashwanth Gigineni
Data Scientist

100% Salary Hike

Pre Social Prachar → Post Social Prachar
SAFEWAY

Placed At
Subway company

Chetan Patnaik
Data Analyst

100% Salary Hike

Pre Social Prachar → Post Social Prachar
XL EXPRESS

Placed At
xlExpress company

Neha Hemane
Associate Software Engineer

100% Salary Hike

Pre Social Prachar → Post Social Prachar

Placed At
Centific company

Gokul Kadapa
Software Engineer

70% Salary Hike

Pre Social Prachar → Post Social Prachar
SOFTILITY

Placed At
Softility company

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COGNERIUM

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accenture

IBM

HCL

Google

wipro

SOLUGENIX

valueMomentum

and

1130+ companies

AWARDS & GOT FEATURED IN...

Recieved **"Top Training & Development Company of the Year"** at Hybiz Business Excellence awards 2025

Award Presented by Telangana **IT Minister D Sridhar babu** garu & **MLA Gandhi Garu**

This is to certify that

SOCIAL PRACHAR

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AWARD PRESENTED BY JUHI CHAWLA MAY 31, 2019 AT FOUR SEASONS HOTEL, WORLI, MUMBAI

S.W. MISHRA
HEAD- PR & BRANDING

A.K. CHAUHAN
VP- SALES

AWARDS & GOT FEATURED IN...

We are happy to announce that Social Prachar has been awarded as
The Best Academy @7th Asian Education Summit, Mumbai,
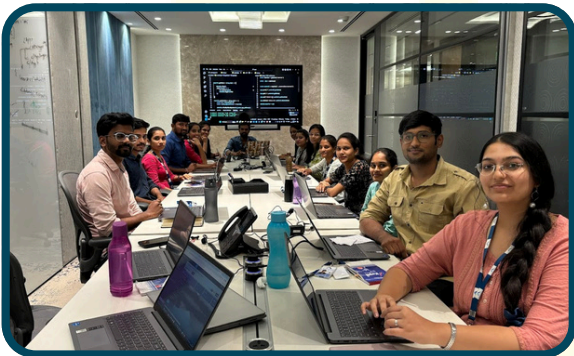Presented by Juhi Chawla, former Miss India.

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THE TIMES OF INDIA

ANI
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Education. Innovation. Success

ZEE5

10 SUCCESSFUL YEARS IN ED-TECH

- ✓ 16,000 + Successful Trainees
- ✓ 3,50,000+ Hours of Classes Delivered
- ✓ Received 9 Ed-tech Awards
- ✓ 500+ Entrepreneur's trained
- ✓ 400+ Corporate Tie-ups

- ⭐ Minimum salaries for our students range from 2.4 To 8 LPA
- ⭐ Average packages 3 to 5 LPA
- ⭐ 10.5 LPA top packaged received recently

RECENT WORKSHOP AT BHEL

WORKSHOP AT BLUESPIRE

ACHEIVEMENTS

DATA ANALYTICS & DATA SCIENCE AI

PROGRAM HIGHLIGHTS

- ✓ Hybrid Model Learning (Online & Classroom mode)
- ✓ 150+ Hours Of Live Classes
- ✓ 180+ hours Project Sessions
- ✓ 1-1 Dedicated Mentor support
- ✓ Project-Based Immersive Learning
- ✓ Professional-Grade Project Portfolio
- ✓ Weekly 1-on-1 with Mentors
- ✓ Industry-Validated Curriculum
- ✓ Personalized Career Guidance
- ✓ 50+ Hours CRT Practice Sessions
- ✓ 100% Job Guaranteed Program

WHO SHOULD ATTEND THE COURSE

If you're looking to establish and fast-track your career in tech, this beginner-friendly program is for you.

ANYONE CAN TAKE THE COURSE INCLUDING:

- ✔ Freshers
- ✔ Novices
- ✔ Developers

- ✔ Anyone from any industry
- ✔ Anyone from the IT industry
- ✔ Anyone who's held a tech-adjacent role

100% JOB GUARANTEED PROGRAM

OVERVIEW

Programs offered:

1. **Data Analytics** – 2.5 Months (10 Mini Projects & 2 Main Projects)
2. **Data Science** – 4 Months(15 Mini Projects & 5 Main Projects)
3. **Advanced Data Science AI with stipend Internship**– 7 Months (Last 3 Months Full Day internship)
4. **Generative AI** – 1.5 months

Earn the Below Certifications by the End of our Program:

1. **IBM** certified Data Science certification.
2. **Harvard university** certification.
3. Course completion certification from **SocialPrachar.**
4. Internship completion from **SocialPrachar** AI Product Based company.

DID YOU KNOW?

90% Institutes are just Providing Course, But SocialPrachar Provides Course + Internship(3 Months Full Day) + Free SoftSkills + Free Upskilling

CURRICULUM

A. Business Understanding

Understanding the Business Goal and analyzing the features/ variables /columns which we need for the data analysis.

B. Python

1..Core Python

- Basics (Installation and Usage)
- Data & Primitive Data Types (Integer, Float, String, Bool, Complex)
- Variables & Operators with data
- Input & Output
- Type Casting
- Conditions (While, If – elif – else)

2. Data Structures

- Strings as Data Structure, List, Tuple, Dictionary, Set
- Properties of Data Structure
- Indexing & Slicing
- Data Structure Methods

3. Loops

- For , while
- List Comprehensions
- Break, Continue, Pass

4. Functions
  - User defined functions, Built-in Functions
  - Generators & Decorators
  - Lambda Map , Filter, Reduce

5. Advanced Python
  - OOP
    – Object & Class (Inheritance, Polymorphism, Encapsulation, Abstraction)
    – Class Methods & Static Methods
  - Modules & Libraries
    – Modules
    – Parsing Arguments
    – Libraries for Data Science
  - Exception Handling
  - File Handling
  - Multi-Threading & Multi-Processing

C. Data collection for Features
1. Primary
  - Manual Data Collection
2. Secondary
  - Open Sources: Kaggle, UCI machine learning repository, Google Data Search
  - Databases: SQL (Import and export)
  - Web scraping: Extracting data from potential website

D. Data Validation & Normalization

1. Validating Collected Column/Features data
   - Removing Extra Spaces or characters in column data if necessary

E. Data Insights (Stats & Visual)

1. EDA (Uni-Variate, Bi-Variate, & Multi-Variate)
   - Statistical Analysis
     - Variables
     - Variable Data Types Study
     - Descriptive Stats
       - Measure of Central Tendency(Mean, Median, Mode)
       - Measure of Dispersion/Spread (Range, Standard Deviation, Variance, Quartiles, IQR)
       - Measure of Symmetry (Skewness and Kurtosis)
       - Correlation, Co-linearity & Covariance
   - Visual Analysis
     - Bar plots, Boxplots, Pie charts, Histogram, Distplots
     - Scatterplots, Pair plots, Heat maps
   - Inferential Stats
     - Population and sample
     - Probability, Distributions & Z scores
     - Confidence Interval   Central Limit theorem
     - Hypothesis Testing (Z tests, Anova, Chi-Square)

F. Data Preparation for Predictive Modeling

1. Missing Values & Outliers Handling
2. Input (X) & Output (y)
3. ls selection
4. Feature Engineering
   - Feature Selection
   - Feature Generation
   - Feature modification
     - Data-Preprocessing
       - Scaling (Scaling Numeric Data)
       - Encoding (Converting Categorical Data to Numerical)
   - Data Leakage

G. Predictive Modeling (AI)

1. Modeling Basics
   - Predictive Modeling & AI Introduction
2. Machine Learning (ML)
   - Train-Test Split
   - Supervised Learning & Its Algorithms
     - Regression
       - Linear Regression (Simple & Multiple, Polynomial Regression, Lasso(L1) & Ridge(L2))
       - Non-Linear Regression (Random forest,Decision Tree Regressor, Svm Regressor, etc.)
3. Classification
   - Class Imbalance
   - Logistic Regression
   - SVM
   - KNN

- Naïve Bayes
- Decision Tree
- Random Forest
- Boosting and Bagging

4. Model Evaluation Techniques

- Regression and Classification Metrics
- Cross-validation
- Bias-Variance Trade off
- Hyper-Parameter Tuning
- Un- Supervised Learning & It's algorithms
  - Dimensionality Reduction (PCA)
  - Clustering(K-means, H-Clustering, DBSCAN Clustering)

5. Deep Learning (DL)
- Introduction to Neural Networks
  - Neurons in Human Brain (What are neural network, structure of Neural Network)
  - How Neural networks work (Feed Forward Neural Network)
  - Forward Propagation (Weights)
  - Backward Propagation (Optimization (Gradient Descent))

6. Types of Neural Networks
- Artificial Neural Network (ANN)
- Convolution Neural Network (CNN)
- Recurrent Neural Network (RNN)

7. ANN for Regression & Classification

8. Working with Images Data

9. Introduction to CNN
- CNN Architectures

10. Image Classification using CNN

11. Introduction to Object Detection
    - Object Detection Vs Object Classification
    - OpenCv Object Detection

12. Object detection models
    - Introduction to R-CNN, Faster R-CNN, YOLO etc....
    - Introduction to transfer learning   Custom Object
    - Detection using YOLO recent version

13. Working with Text data (Natural Language Understanding (NLU))
    - Collecting Text data according to Analysis
    - Text validation & Cleaning (Tokenization, Stop words, Stemming/Lemmatization)
    - Text Pre-Processing (Converting Text to Numeric vectors (N-grams, BOW , TF-IDF, Word2vec Word Embedding's)

14. Language Modeling (Natural Language Generation (NLG))
    - Sentiment Analysis/Text Classification Predictive
    - Modeling using ANN/ML o Introduction to Sequence Models

    - RNN   Sequence data (Text/Time series)
    - Using RNN for Sequence data- LSTM
    - Model Types Based on RNN/LSTM
    - Next word prediction/Translations/Q&A Predictive Modeling using RNN/LSTM

E. Databases Overview

1.. Basics (Data Bases, Tables, Data Base Management System (DBMS), SQL)

2. Working with Database Management System
   - RDBMS (MySQL) (SQL, Queries (DDL, DML, Joins, and Aggregations using Group by, Filters...))
   - NRDBMS (MongoDB) – Non-relational Databases (No-SQL, Queries (CRUD))

F. Reporting Tool (Tableau or PowerBi)

1. Introduction

2. Tableau
   - Introduction
   - Installation
   - Data Sources
   - Visualizations
   - Filters
   - Dashboard
   - Story

3. PowerBi
   - Introduction
   - Installation
   - Data Sources
   - Power Query
   - Visualizations, Interactions Measures
   - DAX (Data Analysis Expressions)
   - Filters
   - Reports

CONTACT US

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SOCIAL PRACHAR
HIGHLIGHTS

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