

# DATA SCIENCE

## COURSE



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# MEET OUR INSPIRING PILLARS



**Pawan Bhosikar**  
( Chief Executive Officer )



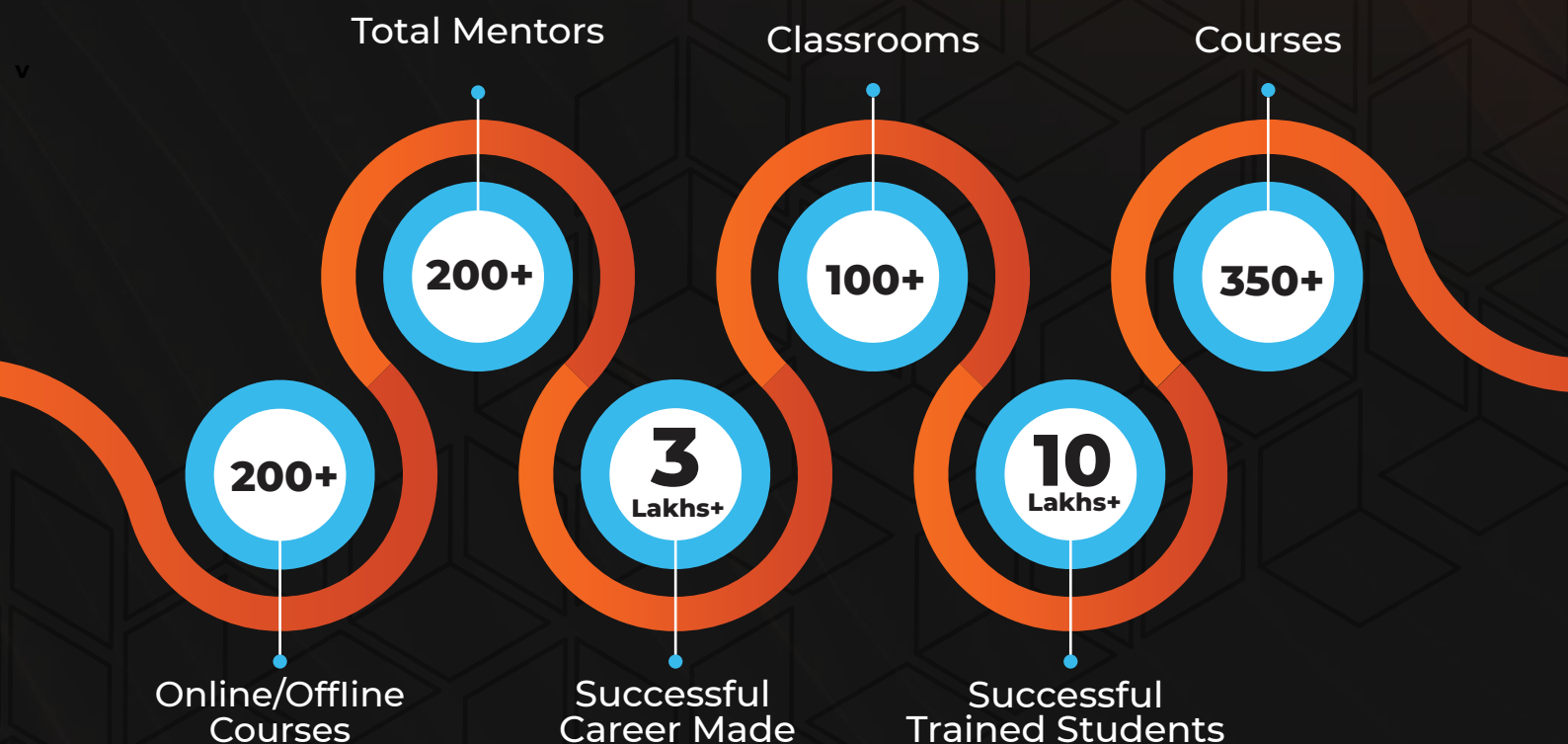
**Nisha Mandot**  
( Chief Financial Officer )

## ABOUT US

"SevenMentor" has improvised a tendency to cope with all International Standards within their courses, by engaging both ends of the industry for students, professionals, and individuals to corporate clients. The organization conjointly gives chance within their educational programs to meet the needs with projected desires of quick developing networking trade.

"SevenMentor" education techniques allow honing the abilities of the Networking experts from Industries which allow them to be equipped with the updated technology and standards of their operating environment. The group is a center for technical excellence with the kingdom of the art lab centers & a properly exquisite curriculum which gives them exposure in advance and enables them to be specific inside the certification enterprise.

## AT A GLANCE, OUR STATISTICS SPEAK VOLUMES



# COURSE HIGHLIGHTS



**ONLINE AND  
CLASSROOM MODE**



**LIVE PROJECTS**



**PROFESSIONAL  
CERTIFICATES**



**100% JOB CALLS  
ASSISTANCE**



**MOCK INTERVIEW**



**MULTIPLE CAREER  
OPPORTUNITIES**





RESUME  
PRESENTATION



INTERVIEW  
Q&A



PLACEMENT  
TRAINING



ELIGIBILITY  
CRITERIA



MOCK  
INTERVIEWS



APTITUDE  
TEST



SCHEDULING  
INTERVIEWS



PLACEMENT AT  
YOUR DREAM JOB

# CAMPUS DRIVE

# SECURE A POSITION IN LEADING COMPANIES



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# TOOLS AND TECHNOLOGIES COVERED



Python



Pandas



Numpy



Scikit learn



Tableau



Apache  
Spark



MySQL



Azure



ChatGPT

## SKILLS COVERED



Statistics



Data Analytics



Data Visualization



Machine Learning Algorithms



LLM & ChatGPT



Text Mining/NLP



Forecasting Analytics



Ensemble Techniques

## VALUE ADDED COURSES



### Python

Python is a powerful and versatile programming language that has many libraries that can be used to clean, manipulate, process, and crunch data.



### Tableau

Tableau helps data scientists create impactful visualizations that clearly communicate insights and strengthen data-driven decisions.



### MySQL

Learning MySQL builds strong database management skills, enabling efficient data storage, retrieval, and querying for smoother data preprocessing.



### Artificial Intelligence

Artificial Intelligence introduces advanced concepts like machine learning and NLP, expanding skills in predictive modeling and text analytics.



### Big Data Tools

Big Data tools such as Hadoop and Apache Spark enable scalable processing of large datasets, improving efficiency in data handling.

Curriculum:

## Data Science and Value-Added Courses

### Demo – Datascience, DA vs DS vs AI

#### Introduction

- What is Data Science?
- Use cases with Business Problem (Mobile/Banking) and How ML gives a solution
- Types of Roles
  - what learnings are important
- Data entry (fill series)
- VAC courses offers
- Jumbo Pass
- Q & A

#### Project Life Cycle

- ML Project Life Cycle (Problem, Collecting the data, EDA,Cleaning,Transformation, Partition, Model fitting, Cross validation, Metrics, Deployment),

#### Fundamentals of Stats – Basic Stat

- Sample
- population
- Data types(continous, discrete)
- Central tendency
- spread
- shape of the data such histogram
- skewness
- kurtosis

#### Statistical Charts – Basic Stat

- Bargraph
- Box plot(IQR, Whisker lengths, outliers)
- Scatter plot( Positive , Negative, Neutral)
- correlation

#### Fundamentals of Python

- Intro to Python language
- Anaconda Installation(Jupyter, Spyder)
- Datatypes(Int, Float,dic,Set)
- Operators(Arthmetic,comparision,Logical, Assignment)
- Data structures(List (types of list methods such as append ,extend ,insert ,remove , pop ,clear ,index ,count ,sort ,reverse), tuples,dictionary,set)
- What are Control structures (if, ifelse, if elif, Nested if)

## Python – Loops, Functions, Numpy

- For loop
- functions
- numpy (scalar, array, vector, 1 dim, 2 dim, random int)
- converting numpy to panda
- giving column names
- Importing pandas (read\_csv, head, tail, describe)

## Exploring Pandas

- Pandas (info, selecting columns, dropping columns, groupby, concat(row and columns), merge, removing duplicates, filling blanks with mean)

## Data Visualization: EDA

- EDA (showing graphs such as histogram)
- boxplot
- bargraph
- scatter plot
- heat map using matplotlib, seaborn) using Google collab with generative AI usage
- Giving an example dataset ask them to work in class

## Advance Stats – Probability – Normal distribution

- Probability, Normal distribution theory, standardization, zscore, z tables, applications, python code, confidence Interval

## Data Summarization: Pivot Report and Charts

- Probability
- Normal distribution theory
- standardization
- zscore
- z tables
- applications
- python code
- confidence Interval

## Advance Stats – Hypothesis Testing

- Level of significance Hypothesis Testing (One sample Z test, Two sample Z test)
- t-test

## Intro to Machine learning (Supervised Learning) and SLR

- Simple Linear Regression
- metrics such RMSE and R square – Working on Age vs Weight example

## Multiple Linear Regression

- Intro to Regression models
- MLR - Assumptions of Linear Regression
- Variable selection
- Multicollinearity VIF

## Logistic Regression

- what is meant by classification models ?
- When do we choose Logistic regression
- model fitting
- confusion matrix
- accuracy score - Working on Breast cancer case study
- Other metrics Sensitivity
- Specificity
- precision
- F1 score
- ROC curve
- AUC score

## Data Transformation

- Data Transformation (Standard scaler, minmax scaler, label encoding, one hot encoding) and Data partition (Training and Test)

## Model Validation Techniques

- Cross validation (Stratified K-Fold, K-Fold cross validation, Shuffle Split Cross-Validation)

## Under fitting to Over fitting

- Variance Biased Trade-off (under fitting - causes Lack of training, best fit, over fitting - causes Noise in training data, Too many training epochs or iterations, too many variables)
- Visualizations (Underfitting, bestfit, Overfitting) and Feature Engineering - Working on Bangalore housing prices case study

## Regularization

- Techniques such Lasso
- Ridge
- ElasticNet - Working on "Bangalore housing prices" case study

## Classifiers – SVM

- Support vector machine (Hyperplane, Maximum margin classifier, Support Vectors, SVM for Linear Classification)
- SVM for Non-Linear Classification (polynomial, RBF, Sigmoid)

## Decision Tree

- Decision Tree Structure (Root node, Internal nodes, terminal nodes)
- Gini Impurity
- Entropy and Information Gain (for classification)
- Overfitting and Underfitting in Decision Trees
- Pruning
- Hyperparameters – Working on Sales data set using python

## Ensembled Techniques

- Ensemble Methods: Bagging and Random forests
- working on hyper parameters to control overfitting

## Boosting methods

- Sequential methods: Gradient Boosting
- AdaBoost
- using Grid search CV
- XG Boost
- LightGBM

## Deployment – Project Discussion

- Final project with Deployment

## Unsupervised Learning

- "What are Dimensional Reduction Techniques ?"
  1. Purpose of PCA
  2. Eigenvectors/Eigen values
  3. Applications
  4. Advantages
  5. Working on case study"

## Clustering

- Introduction to Clustering
- Distance Metrics
- Clustering Algorithms (K mean, dbscan)
- Choosing the Right Number of Clusters (Elbow Method, Silhouette Analysis)

## Recommendation system

- what is Recommendation and why it is important?
- What is Collaborative Filtering (CF) And Content-Based Filtering ?

## Time series

- Time series Concepts
- components
- Visualization
- Data partition
- Lagplot
- ARIMA models
- Python code on ARIMA models

## Deep Learning – Artificial Neural Network

- Perceptron
- Single Layer Network
- activation functions
- Back propagation method
- Simple ANN code
- Multilayer Neural network
- Gradient Descent method
- optimizers
- learning rate – complete code with tensorflow

## Deployment – Project Discussion

- Final project with Deployment

## Deep Learning – Recurrent Neural Networks

- RNN – use cases
- vanishing and exploding problem
- Simple RNN code
- LSTM Architecture
- Working model
- LSTM vs GRU
- python code

## Natural language processing

- What is Text Data
- Various forms
- Applications
- Text pre-processing (Tokenization, Normalization, Stopwords, Lemmatization, stemming)
- Visualization on preprocessed text data
- Text Representation: Bag of Words (BoW)
- Term Frequency-Inverse Document Frequency (TF-IDF)
- Sentiment Analysis
- Classification model using ML
- Named Entity Recognition (NER)
- What is Word Embedding?
- What are pre-trained word Embeddings
- Word2Vec (Skip gram, CBOW)
- real time applications
- example codes

## Natural language processing

- Language Modeling: N-gram Models
- Neural Language Models
- application of RNNs
- LSTMs on Text data

## Generative AI – Intro to LLM

- Large Language Models?
- Transfer Learnings in NLP
- what are pre-trained models?

## Generative AI – Applications of LLM's

- what are transformers?
- Hugging Face transformers library and its use cases

### Tools



### Key Demonstrations



**Google Analytics**  
Web Traffic Analysis



**Coca-Cola**  
Operations & Supply Chain



**Netflix**  
Statistical Modeling



**Amazon**  
Statistical Forecasting



**Walmart**  
Inventory Management



**Starbucks**  
Store Placement & Promotions

## Core Python

### Introduction to Python, Variables

- Python Introduction – Programming Cycle of Python
- Python Installation
- Python IDE

Variables  
Data types

### Operators, Data Structures

- Operator – Arithmetic
- Comparison
- Assignment
- Logical
- Bitwise operator
- List
- Tuple
- Set
- Dictionary

### Conditional Statements and Loops

- Conditional Statements (if, if-else, if elif, Nested if)
- Loops in Python (for, while)
- Loop Control Statements (break, continue, pass)

## Function

- "Function - Define function
- Calling function
- pass by reference as value
- Function arguments
- Anonymous functions
- turn statements
- Scope of variables - local & global
- Lambda
- map
- filter
- reduce

## Modules and Packages

- Importing modules
- Creating user-defined modules
- Python Standard Library
- Installing packages using pip

## Data Cleaning and Preparation

- Importing the data
- Handling Missing Data
- Filtering Out Missing Data
- Filling In Missing Data
- Data Transformation
- Removing Duplicates
- Data Type Conversion
- Detecting outliers using Boxplot
- Z score
- Handling Outliers (Capping, Transformation, Removal)
- Transforming Data Using a Function or Mapping, Replacing Values
- Feature Engineering such as Creating new variables
- Aggregations and groupings

## Data Wrangling: Join, Combine, and Reshape

- Hierarchical Indexing
- Combining and Merging multiple datasets (merge())
- join()
- concat()
- Reshaping and Pivoting

## Handling Time data using pandas

- Convert to datetime
- Extract attributes
- Create datetime range
- Resample data
- Time delta calculations
- Add time offset
- Time zone conversion
- Set datetime index
- Filter by date
- Handle missing time data

## Exception Handling & Regular Expressions

- 1. Exception Handling :  
Try, except, else, finally ,Built-in exceptions ,Raising exceptions,  
Custom exceptions ,Hands-on error handling tasks
- 2. Regular expressions:  
match function, search function , matching vs searching  
Regular exp modifiers and patterns"

## Object-Oriented Programming (OOP) - Part 1

- Class and Object, \_\_init\_\_ method
- Attributes and methods
- Hands-on: Create simple classes

## Object-Oriented Programming (OOP) - Part 2

- Inheritance
- Polymorphism
- Hands-on: Real-world OOP examples

## Object-Oriented Programming (OOP) - Part 3

- Encapsulation and Abstraction
- Hands-on: Real-world OOP examples

## Advanced Topics

- 
- Decorators

### Tools



OOPs



Numpy



Pandas



Matplotlib



Seaborn



Plotly



PyMySQL

### Key Demonstrations



## Introduction to Tableau

- What is Tableau?
- What is Data Visualization?
- Tableau Products
- Tableau Desktop Variations
- Tableau File Extensions
- Data Types, Dimensions, Measures, Aggregation concept
- Tableau Desktop Installation
- Data Source Overview
- Live Vs Extract

## Basic Charts & Formatting

- Overview of worksheet sections
- Shelves
- Bar Chart, Stacked Bar Chart
- Discrete & Continuous Line Charts
- Symbol Map & Filled Map
- Text Table, Highlight Table
- Formatting: Remove grid lines, hiding the axes, conversion of numbers to thousands, millions, Shading, Row divider, Column divider
- Marks Card

## Filters

- What are Filters?
- Types of Filters
- Extract, Data Source, Context, Dimension, Measure, Quick Filters
- Order of operation of filters
- Cascading
- Apply to Worksheets

## Calculations

- Need for calculations
- Types: Basic, LOD's, Table
- Examples of Basic Calculations: Aggregate functions, Logical functions, String functions, Tableau calculation functions, numerical functions, Date functions
- LOD's: Examples
- Table Calculations: Examples

## Data Combining Techniques

- What are Data Combining Techniques?
- Types
- Joins, Relationships, Blending, and Union

## Custom Charts

- Dual Axis
- Combined Axis
- Donut Chart
- Lollipop Chart
- KPI Cards (Simple)
- KPI Cards (With Shape)

## Groups, Bins, Hierarchies, Sets, Parameters

- What are Groups? Purpose
- What are Bins? Purpose
- What are Hierarchies? Purpose
- What are Sets? Purpose
- What are Parameters? Purpose and examples

## Analytics & Dashboard

- Reference Lines
- Trend Line
- Overview of Dashboard: Tiled Vs Floating
- All Objects overview, Layout overview
- Dashboard creation with formatting

## Dashboard Actions & Tableau Public

- Actions: Filter, Highlight, URL, Sheet, Parameter, Set
- How to save the workbook to Tableau Public website?

### Tools



- Tableau Desktop Tableau Prep
- Tableau Public
- Tableau Reader
- Tableau Server

### Key Demonstrations



Honeywell



## MySQL

### Introduction to MySQL

- Introduction to Databases
- Introduction to RDBMS
- Explain RDBMS through normalization
- Different types of RDBMS
- Software Installation (MySQL Workbench)

### SQL Commands and Data Types

- Types of SQL Commands (DDL, DML, DQL, DCL, TCL) and their applications
- Data Types in SQL (Numeric, Char, Datetime)

### DQL & Operators

- SELECT: LIMIT, DISTINCT, WHERE, AND, OR, IN, NOT IN, BETWEEN, EXIST, ISNULL, IS NOT NULL, Wild Cards, ORDER BY

### Case When Then and Handling NULL Values

- Usage of Case When Then to solve logical problems and handling NULL Values (IFNULL, COALESCE)

### Group Operations & Aggregate Functions

- Group By, Having clause
- COUNT, SUM, AVG, MIN, MAX, COUNT
- String functions
- Date & Time function

## Constraints

- NOT NULL
- UNIQUE
- CHECK
- DEFAULT
- Primary key
- Foreign Key (Both at column level and table level)

## Joins

- Inner
- Left
- Right
- Cross
- Self joins
- Full outer join

## DDL Commands

- Create
- Drop
- Alter
- Rename
- Truncate
- Modify
- Comment

## DML & TCL Commands

- DML: Insert, Update, and Delete
- TCL: Commit, Rollback, Savepoint, and Data Partitioning

## Indexes and Views

- Indexes (Different Type of Indexes) and Views in SQL

## Stored Procedure

- Procedure with IN Parameter
- Procedure with OUT parameter
- Procedure with INOUT parameter

## Function, Constructs

- User Defined Function
- Window Functions - Rank, Dense Rank, Lead, Lag, Row\_number

## Union, Intersect, Sub-query

- Union
- Union all
- Intersect
- Sub Queries
- Multiple Query

## Exception Handling, Loops, Cursor

- Handling exceptions in a query
- CONTINUE Handler
- EXIT handler
- Loops: Simple, Repeat, While
- Cursor

## Triggers

- Triggers - Before | After DML Statement

### Tools



- MySQL Workbench
- MySQL Shell
- MySQL Command Line Client
- MySQL Enterprise Monitor

### Key Demonstrations



# MLOps

## Intro to MLOps

- What is MLOps,
- Different stages in MLOps
- ML project lifecycle
- Job Roles in MLOps

## Design and Development

- What is Development stage of an ML workflow
- Pipelines and steps
- Artifacts
- Materializers
- Parameters & Settings

## Execution

- Stacks & components
- Orchestrators
- Artifact stores
- Flavors etc

## Management

- ML Server infrastructure
- Server deployment
- Metadata tracking
- Collaborations
- Dashboards

## Tools



## Key Demonstrations



# ChatGPT

## Introduction to ChatGPT

- "History and Development of ChatGPT"
- Examples of ChatGPT use in various industries
- Basics of Transformers
- Key concepts and principles of Generative AI
- Examples of Generative AI models including ChatGPT, open source LLM's, Prompting basics,
- Overview of Different ChatGPT models

## ChatGPT Prompting, Generic Applications

- "Prompt Techniques"
- Few-shot Prompting
- Zero Shot prompting
- One-Shot Prompting
- Chain of Thought Prompting ChatGPT applications in everyday life such as writing translation and creativity
- Explore ChatGPT potential for Education, Work and Business Use Cases

## ChatGPT in Everyday Tools and ML AI applications

- Utilizing ChatGPT for Excel, word, powerpoint, web development, data analysis, programming, Dashboards, ChatGPT projects etc.

## ChatGPT for Interview Preparation and Job readiness

- Seeking jobs, career changes, working on resume, and updation, networking, job search strategies using ChatGPT
- LinkedIn Profile Optimization"

## API Integration & Custom Workflow Automation

- Introduction to OpenAI API & usage limits Authentication
- Endpoint usage Integrating GPT with Python, Google Sheets, Excel, Power BI Zapier, Make, LangChain basics

# Artificial Intelligence

## Fundamentals of Mathematics and Revision of ANN

- Linear Algebra: Vectors, matrices, dot product, matrix multiplication
- Calculus: Derivatives, partial derivatives, chain rule (for backpropagation)
- Review on ANN"

## Detail explanation on Artificial Neural Networks

- What is Gradient Descent in detail? Connectivity of Calculus in Back propagation. Weight & Bias Updates
- Types of Loss functions(MSE, Binary Cross entropy (Binary & Multi))
- Overfitting Solutions(Dropout, Early stopping)
- Types of Optimizers and activation functions its applications
- Example Case study

## CNN

- CNN,DeepConvolutionModel,DetectionAlgorithm, CNN FaceRecognition
- Working on MNIST data set"

## Web Scrapping

- Introduction to Web Scraping & Web Basics,
- Python Libraries for Web Scraping (requests, BeautifulSoup)
- HTML & Web Page Structure Basics

## Web Scrapping Application integrated with ML

- "Selecting a website and extract the data
  1. To Extract Image, Reviews, Ratings, and Price Tags
  2. Store in Structured Format
  3. a) Image classification from images  
b) Sentiment analysis from Reviews  
c) Regression model from Prices."

### Tools



### Key Demonstrations



## Big Data Tools

### Intro to Big data technologies

- What is big data,
- characteristics of big data
- technologies in big data etc

### Intro to Spark environment

- what is spark environment
- spark documentation
- installation of spark
- spark concepts

## Integration of Spark Platform

- Integration with different languages like python , r, scala, etc. Introducing pyspark environment , pyspark basics and functions

## Pyspark Concepts

- Pyspark RDD structures, dataframe modules, sql modules , examples , exercise problems, working on datasets

## Pyspark ML Concepts

- Pyspak ML libraries, Regression models, linear and logistic regression and clustering basics, tree based models, ensemble concepts

## Pyspark ML Applications

- Pyspark ML applications, with excercises, visualizations

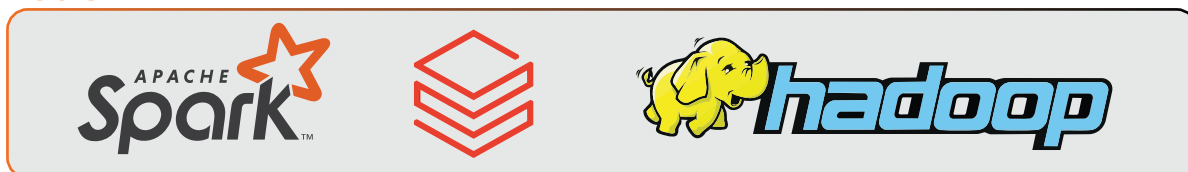
## Databricks environment

- What is databricks, account creation, cluster creation, working on pyspark applications in databricks with r, python and scala

## Intro to AWS cloud

- What is aws cloud, account creation , understanding basic aws environment and knowledge

### Tools



### Key Demonstrations



## Hadoop environment

- What is hadoop
- hadoop architecture
- creating hadoop environment on AWS cloud
- install java
- install hadoop and related concepts

## Hadoop applications

- Running applications like map reduce on data
- getting insights
- doing analysis
- word count problems etc

# Azure

## Intro to Cloud Computing

- What is cloud computing
- why it is important
- cloud services
- applications
- benefits
- architectures

## Intro to Azure Cloud Platform

- What is Azure
- Why Azure
- Azure services
- Azure core architecture
- core azure services domains
- creation of azure account

## Azure Cloud Applications

- Intro to AI/ML services
- What is azure ml designer studio
- developing ml models
- python and r applications in studio

## Azure Cloud Services

- Resource groups
- virtual machine concepts
- storage service
- web apps
- databricks environment
- azure sql databases
- billing etc.

## Azure open AI Studio

- What is azure open ai
- open ai documentation
- how to use azure open ai studio
- creating applications
- different models in azure open ai

## Tools



- Azure Data Lake Storage
- Azure Databricks
- Azure Machine Learning
- Azure OpenAI Service

## Key Demonstrations



SAMSUNG



BOSCH

Coca-Cola

ebay



# Basics of R



Introduction to R, Installation of R Studio, Data types in R

- Data types(Numeric, Char, logical, Complex, Vector, List, Matrix, Factor, Array, Data frame)
- Relational Operators
- Logical Operators

Decision Making statements, Loops, Functions

- If, Ifelse, For loop, While loop, Repeat, Functions

Built in Functions in R, Joins, dplyr and ggplot2

- Merging data frames
- Analyzing Iris Dataset using apply functions dplyr package(Filter, Set, Arrange)
- Data Visualization using ggplot2
- Scatterplot
- Histogram
- Boxplot

## Tools



## Key Demonstrations



# Soft Skills Course – 15 Days Training Plan

## Communication Skills

Day 1: Verbal Communication Skills

- Importance of communication in personal & professional life
- Speaking skills: clarity, tone, vocabulary
- Listening skills: active vs passive listening
- Activities: Pair discussions, listening exercises

Day 2: Presentation & Public Speaking

- Presentation skills: structure, delivery, confidence
- Public speaking fundamentals
- Overcoming stage fear
- Activity: Short individual/group presentations

Day 3: Written Communication

- Professional email writing (format & tone)
- Report writing basics
- Resume writing introduction
- Activity: Writing professional emails

Day 4: Non-Verbal Communication

- Body language awareness
- Facial expressions & gestures
- Eye contact, posture & appearance
- Activity: Role plays, observation exercises

# Interpersonal Skills & Personal Effectiveness

## Day 5: Interpersonal & Teamwork Skills

- Working effectively in teams
- Role clarity & accountability
- Workplace cooperation techniques
- Activity: Group task / teamwork exercise

## Day 6: Conflict Resolution & Negotiation

- Types of conflict (personal & professional)
- Conflict resolution strategies
- Negotiation fundamentals
- Assertive communication
- Activity: Conflict-based role plays

## Day 7: Leadership Fundamentals

- Introduction to leadership
- Leadership styles
- Responsibility & initiative
- Leading small teams/projects
- Activity: Leadership case studies

## Day 8: Time & Stress Management

- Time management challenges
- Prioritization tools: Eisenhower Matrix, SMART goals
- Managing academic & workplace stress
- Work-life balance
- Activity: Personal schedule planning

## Day 9: Adaptability, Work Ethic & Problem Solving

- Dealing with change
- Professional behavior & work ethic
- Critical & analytical thinking
- Decision-making frameworks
- Creative problem-solving
- Activity: Problem-solving scenarios

# Professional Development & Emotional Intelligence

## Day 10: Resume Building

- Types of resumes
- Resume structure & components
- ATS-friendly resume formatting
- Activity: Resume drafting

## Day 11: Interview Skills (Part 1)

- Types of interviews (HR, technical, panel)
- Interview preparation strategies
- Common interview questions
- Answering techniques: STAR & SOAR

## Day 12: Interview Skills (Part 2)

- Body language & confidence in interviews
- Mock interview practice
- Feedback & improvement tips

## Day 13: Networking & Business Etiquette

- Professional communication etiquette
- Workplace manners & grooming
- Social & digital networking (LinkedIn basics)
- Activity: Professional introduction practice

## Day 14: Emotional Intelligence (EI)

- Self-awareness & self-management
- Emotional regulation techniques
- Empathy & active listening
- Managing professional relationships
- Activity: EI assessment & reflection

## Day 15: Revision, Assessment & Closure

- Quick revision of all modules
- Group activities & role plays
- Final assessment / presentation
- Feedback session & course wrap-up

# ROUTE TO SUCCESS

## CONFUSED WHAT TO DO IN CAREER..?



1

2

## CHOOSE SEVENMENTOR



## CAREER COUNSELING WITH EXPERTS



3

4

## ONLINE/CLASSROOM EXPERT TRAINING



## WHAT WILL YOU GET

- Industry-Based Projects
- Resume Preparation
- Soft Skills Development
- Mock Interview Sessions



5

6

## CHARTING NEW PATHS: CAMPUS DRIVE



## SECURE YOUR SPOT IN LEADING MNCS



7



# MASTER IN DATA SCIENCE



YOUR DREAM  
JOB IS AHEAD

COURSE  
EXAM

CASE  
STUDY

ADVANCE  
SKILLS

INDUSTRY  
EXPERT TRAINING

PROFILE BUILDING

ENROLL IN  
SEVENMENTOR



AI

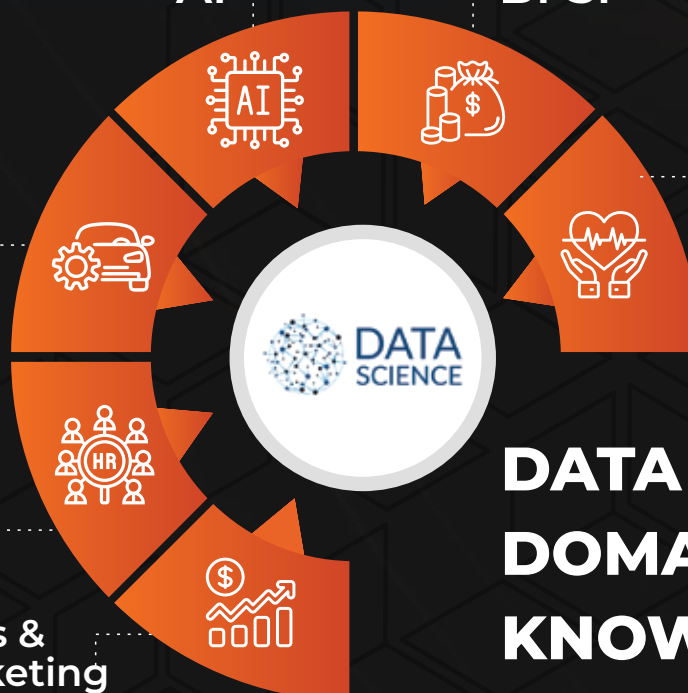
BFSI

Automobile

Healthcare

Human  
Resources

Sales &  
Marketing



## DATA SCIENCE DOMAIN KNOWLEDGE



**COSENTIA  
SOLUTIONS PVT.LTD**

# INTERNSHIP LETTER

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Akshata Ganesh Kore successfully completed a six-month internship with us in the Software Development Department from July 7, 2023, to January 8, 2024. Ms. Akshata Ganesh Kore worked on the project E-commerce, utilizing technologies such as HTML, CSS, JavaScript, Java, jQuery, Bootstrap, Node.js, React, MongoDB, and Express.js.

During her tenure, Ms. Kore displayed exceptional dedication, a strong work ethic, and a keen ability to learn and adapt. She quickly grasped complex concepts and applied them effectively in her tasks, consistently delivering quality work. Her problem-solving skills and technical acumen stood out, making her a valuable contributor to the team.

We appreciate her contributions and have no doubt that she will excel in her future endeavors.  
We wish her continued success in all her professional pursuits.

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**CERTIFICATION OFFICER  
HR DEPARTMENT**

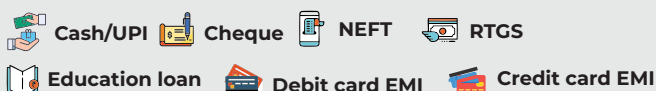
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For More Details Contact To Counsellor.**

**SCAN THE QR**  
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**To Book Your  
Seat In Easy Steps!**



**PAYMENT  
OPTIONS:**



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PARTNER:**



# CERTIFICATIONS



## ISO CERTIFICATION

Validate your skills with an internationally recognized ISO certification.



## nasscom

## NASSCOM CERTIFICATION

Get industry-recognized certification backed by NASSCOM's excellence.



## IIT BOMBAY CERTIFICATE

Earn a prestigious certification from one of India's premier institutions.



## QUIZ CERTIFICATE

Earn a prestigious certification from one of India's premier institutions.



# YOUR FUTURE AS A DATA SCIENTIST



## SALARY RANGE

3 - 6 LPA

10 - 15 LPA

Upto 24 LPA

**0 Yrs**

**4 Yrs**

**8 Yrs**

**2 Yrs**

**6 Yrs**

6 - 10 LPA

15 - 24 LPA

## JOB METER

**Advance Excel**

1,22,911 Jobs

**NLP**

1,10,239 Jobs

**Machine Learning**

2,31,300 Jobs

**Deep Learning**

2,12,462 Jobs

**Tableau**

71,499 Jobs

**Python**

2,18,644 Jobs

**Time Series**

59,914 Jobs

**PowerBI**

80,039 Jobs

**SQL**

1,12,399 Jobs

**Big Data**

40,953 Jobs

**Computer vision**

50,243 Jobs

**Total Jobs**

13,10,603 Jobs

## JOB ROLES FOR DATA SCIENTIST

|                        |                               |                           |                     |
|------------------------|-------------------------------|---------------------------|---------------------|
| Data Analyst           | Machine Learning              | Data Visualization        | Collaboration       |
| Power Bi Developer     | ML Engineer                   | Data Engineer             | Big Data Analyst    |
| Ethical Considerations | SQL Developer                 | DL Engineer               | Data Science        |
| Research Scientist     | Business Intelligence Analyst | Machine Learning Engineer | Senior Data Science |

# INDUSTRY BASED PROJECT



Hands-on industry-based project by SevenMentor & Training to enhance practical skills and real-world expertise



**ZOMATO DATA ANALYSIS**



**FEEDBACK DETECTION**



**CHATBOT FROM SCRATCH**



**HEART ATTACK PREDICTION**



**RESUME SCORE PREDICTION**



**CUSTOMER CHURN PREDICTION**



**AUTOMATIC ATTENDANCE SYSTEM**



**UBER DATA ANALYSIS**



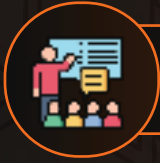
**CUSTOMER CHURN PREDICTION**

# WHY CHOOSE SEVENMENTOR

Empowering Careers with Industry-Ready Skills



Flexible EMI Plans



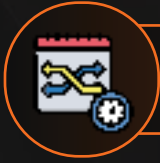
Industry Experienced Trainers



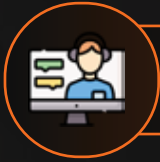
Live Projects With Hands-on Experience



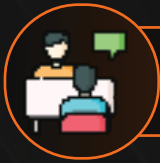
Real World Topics



Flexible Scheduling



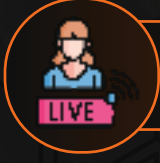
Online, Classroom & Hybrid Batches



1:1 Mentorship when required



Affordable Programs Tailored to Your Needs



Class Recordings for Missed Classes



Workshops & Seminars with Industry Experts



Adaptive LMS



Free Wifi Facilities



Be Different With Master Certificate



Placement Drives



Interview Calls Assistance & Mock Sessions



Weekday and Weekend Batches



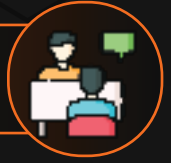
Ongoing Career Support



Latest Market Tech & Practical Training



1 Year FREE Repeat Option



Unlimited Interview Calls

# TESTIMONIALS OF OUR STUDENTS



**Sumedh Khillare** ★★★★★

The instructors were highly knowledgeable, patient, and skilled at making complex concepts easy to understand. The course content was well-structured and relevant to current industry standards. I highly recommend Seven mentor institute to anyone seeking professional development or skill enhancement. It's truly a place where learning meets excellence. Thanks to Uday sir for the consultation and guidance



**Supriya Udgirkar** ★★★★★

I have joined sevenmentor for SAP FICO and my trainer is Sourabh Sengupta. He is very knowledgeable and inspiring mentor. He did not just teach about SAP but also taught us core skills required to survive and what does it take to be a SAP consultant. All our questions about the course were answered properly. Time has never been a barrier in solving our doubts. I would highly recommend Sourabh sir for SAP FICO training.



**Rushikesh Joshi** ★★★★★

I want to express my gratitude to Seven Mentor Training Institute. The trainers are excellent & continue to support in each & every queries. Friendly coordination between trainers and students is nice. Such a nice institute for those who are willing to join company jobs. Definitely recommend. Courses fees are also affordable for middle class people as well. Thanks



**Hemal Sawdekar** ★★★★★

I recently completed the SAP Fico course at Seven Mentor Institute, and I must say it was a truly enriching experience. Bhagwat sir is a very good and supportive trainer. The instructors exhibited an unparalleled level of expertise, guiding us through the complexities of SAP with clarity and patience. Well managed labs and management is very help full for all situations. Sevenmentor provides their own study guide which is really easy to follow. I would recommend this institute. Overall nice experience at Seven Mentor. This is the best part Of teachers-students relationship. THANK YOU SEVEN MENTOR.



# WHY SHOULD YOU JOIN THIS PROGRAM?

Our program is thoughtfully designed to make you fully job-ready by emphasizing practical skills and industry-relevant training that align with current market needs. Through strong industry connections and exposure to a wide network of hiring partners, you gain access to diverse career opportunities across multiple domains.

The structured curriculum offers comprehensive technical training combined with hands-on projects, case studies, and real-world applications that help you build strong foundational knowledge and practical expertise. In addition to skill development, the program includes continuous career guidance, resume building, mock interviews, and interview preparation sessions. This holistic approach ensures you develop the confidence, professionalism, and competence required to meet industry expectations and successfully navigate today's competitive job market.

## PLACEMENT TEAM

Our placement staff is committed to your IT career success. With strong industry connections, market insights, and specialized assistance, we prepare you for a competitive job market and assist you in achieving your objectives. We offer individual resume development, mock interviews, and hands-on career coaching to help you stand out to top recruiters. Our dedication extends beyond placements; we provide you with the confidence and skills you need to succeed in your chosen field. At SevenMentor, your success is our priority!

## CRM TEAM

At SevenMentor, our CRM team is committed to ensuring that every student has a positive and enjoyable experience. We attentively listen to your issues, answer your inquiries quickly, and provide personalized service that is suited to your specific requirements. Our team takes a student-first approach, ensuring that your needs are handled with professionalism, kindness, and attention to detail. Your satisfaction is our first priority, and we commit ourselves to supporting you every step of the way.

# GET INFO OF OUR OTHER DOMAINS



**020 7117 2515**

Networking Department



**020 7117 3035**

Development Department



**020 7117 1500**

Data Science  
And Ai Department



**020 7117 1747**

Softskills & Language  
Department



**020 7117 3116**

SAP Department



**020 7117 1757**

Interior Design & Fashion  
Department



**020 4855 3350**

CRM Department



**020 4855 6661**

Placement Department

## LOCATE US:



### SHIVAJI NAGAR HEAD BRANCH

09/A Wing, Shreenath Plaza, Dnyaneshwar Paduka Chowk, F.C Road, Shivaji Nagar, Pune, Maharashtra - 411005



### PIMPRI CHINCHWAD BRANCH

Office number 38 wing A and B, 3rd Floor, KUNAL PLAZA, off Mumbai Pune Highway Chinchwad, Maharashtra 411019



### HADAPSAR BRANCH

Manisha Blitz, Office 34-35, 3rd floor, Near Shankarmath, Pune Solapur Hwy, Hadapsar, Pune - 411013



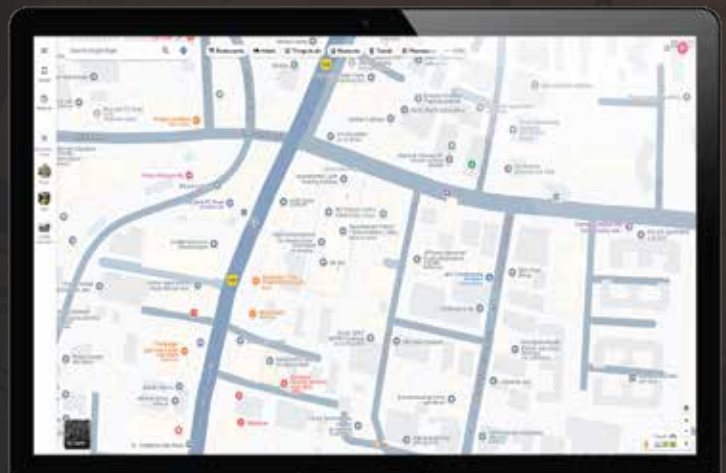
### MUMBAI BRANCH

Office no. 101 & Part Office no.1, Civic Centre, MMGS Marg, Dadar East, Dadar, Mumbai, Maharashtra 400014



### AKURDI BRANCH

Plot No.7/4, Sector No.29, 1st floor, Dharmraj Chowk, DY Patil College Rd, near Chaitanya Park, Gurudwara Colony, Ravet, Pimpri -Chinchwad, Maharashtra 412101



### NANDED BRANCH

Saphalya building, 1-14-870, opp. Yogeshvara complex, near Raj mall, Anandnagar, Anand Nagar, Nanded, Nanded-Waghala, Maharashtra 431605



[www.sevenmentor.com](http://www.sevenmentor.com)



[registration@sevenmentor.com](mailto:registration@sevenmentor.com)