

DATA SCIENCE CERTIFICATION PROGRAM

Empower Your Future - Build Your
Career with our Data Science Program!

Master Data Intelligence: Become a
Data Science Expert with **DigiAM**...

We Build Quality & Trust

Ministry of Corporate Affairs &
An ISO Certified Organization

For More Information:

 www.digiam.in





Welcome

DigiAM is India's trusted digital marketing & IT training company, and DigiAM works in 3 domains: training, development & placement. DigiAM offers certifications in various fields, including Digital Marketing, e-Commerce Marketing, Python, Video Editing, Data Analytics, Data Science, Graphic Designing, Web Designing, Web Development and etc. DigiAM delivers training to students, Job Seekers, business professionals, and entrepreneurs.

DigiAM has 5 offices in India, and we have trained more than 2978+ trainees. Our program course is specially developed by a group of more than 50+ experts coming from the area of Digital Marketing and the IT sector. And our mission provides quality training, and we build quality & trust.

DigiAM is powered by DigiAM India Pvt. Ltd., established in early 2016, and delivers certified digital marketing & IT training in India.

Who We Are?

DigiAM is a venture of DigiAM India Pvt. Ltd. We provide Digital Marketing & IT Training to Students, Corporats, Professionals, Entrepreneurs and Job Seekers...

Our Mission

Our mission is to provide quality education with 100% practical training at an affordable fee.

We work with IT industry experts to design and develop standards that define the IT skills and capabilities required of today's professionals. Our certifications deliver the best current practice, theory, practical work with projects and applied skills in IT, and are recognized and respected across all industry sectors.

Gaining a certification from DigiAM will ensure you have the essential skills and knowledge needed to excel as an IT professional. Through a series of comprehensive, structured, you will know how to integrate key IT tactics and practices into your development and measure the success of your IT growth.





**India's Most Certified Data Science
Program Delivered by DigiAM**

2978+

**TRAINEES SUCCESS
STORIES**



Module 1

Introduction to Data Science

- What is Data Science?
- Data Science vs Data Analytics vs AI vs Machine Learning
- Applications of Data Science in Industry
- Data Science Lifecycle
- Tools & Technologies Overview

Module 2

Python for Data Science

- Python Basics (Variables, Data Types, Operators)
- Control Structures (Loops, If-Else)
- Functions, Modules & Packages
- File Handling
- Libraries for Data Science:
 - NumPy (Numerical Computing)
 - Pandas (Data Handling & Preprocessing)
 - Matplotlib & Seaborn (Visualization)

Module 3

Statistics & Mathematics

- Descriptive Statistics (Mean, Median, Variance, Std Dev)
- Probability Theory & Distributions
- Hypothesis Testing (t-test, Chi-square, ANOVA)
- Correlation & Regression
- Linear Algebra for Machine Learning (Vectors, Matrices)
- Calculus Basics for Optimization

Module 4

Data Wrangling & Exploratory Data Analysis (EDA)

- Data Cleaning & Preprocessing
- Handling Missing Values & Outliers
- Feature Engineering & Feature Scaling
- Data Transformation Techniques
- Exploratory Data Analysis with Pandas & Visualization

Module 5

SQL & Databases

- Introduction to Databases
- SQL Basics: SELECT, WHERE, ORDER BY
- Joins & Subqueries
- Aggregations & Window Functions
- CRUD Operations (Insert, Update, Delete)
- Connecting Python with Databases



Module 6

Machine Learning – Supervised Learning

- Introduction to Machine Learning
- Linear Regression & Logistic Regression
- Decision Trees & Random Forest
- Support Vector Machines (SVM)
- Naive Bayes Classifier
- Model Evaluation (Confusion Matrix, Precision, Recall, F1 Score, ROC)

Module 7

Machine Learning – Unsupervised Learning

- Clustering (K-Means, Hierarchical)
- Dimensionality Reduction (PCA, t-SNE)
- Association Rule Mining (Apriori, FP-Growth)
- Anomaly Detection

Module 8

Advanced Machine Learning

- Ensemble Learning (Bagging, Boosting, XGBoost, LightGBM)
- Hyperparameter Tuning (Grid Search, Random Search, Bayesian Optimization)
- Cross-Validation Techniques
- Feature Selection Methods

Module 9

Deep Learning & Neural Networks

- Introduction to Neural Networks
- Perceptron, Activation Functions
- Deep Neural Networks (DNNs)
- Introduction to TensorFlow & Keras
- Convolutional Neural Networks (CNNs) – Image Processing
- Recurrent Neural Networks (RNNs, LSTMs, GRUs) – Sequence Data
- Transfer Learning & Pre-trained Models

Module 10

Natural Language Processing (NLP)

- Text Preprocessing (Tokenization, Stopwords, Stemming, Lemmatization)
- Bag of Words, TF-IDF, Word2Vec, GloVe
- Sentiment Analysis
- Named Entity Recognition (NER)
- Introduction to Transformers & BERT



Module 11

Big Data & Cloud in Data Science

- Introduction to Big Data Ecosystem
- Hadoop & Spark Basics
- Cloud Platforms for Data Science (AWS, Azure, GCP)
- Using Google Colab / Jupyter Notebooks for Projects
- ETL & Data Pipelines

Module 12

Data Visualization & BI Tools

- Advanced Visualization with Python (Seaborn, Plotly)
- Tableau / Power BI Dashboards
- Storytelling with Data
- KPI Tracking & Business Reporting

Module 13

Model Deployment & MLOps

- Saving & Loading Models (Pickle, Joblib)
- Model Deployment with Flask/Django APIs
- Docker & Containerization Basics
- CI/CD for ML Projects
- Introduction to MLOps & Model Monitoring

Module 14

Data Ethics & Governance

- Data Privacy & Security
- Responsible AI & Bias in Data Science
- Fairness in Machine Learning
- Regulations (GDPR, HIPAA Basics)

Module 15

Mini Projects

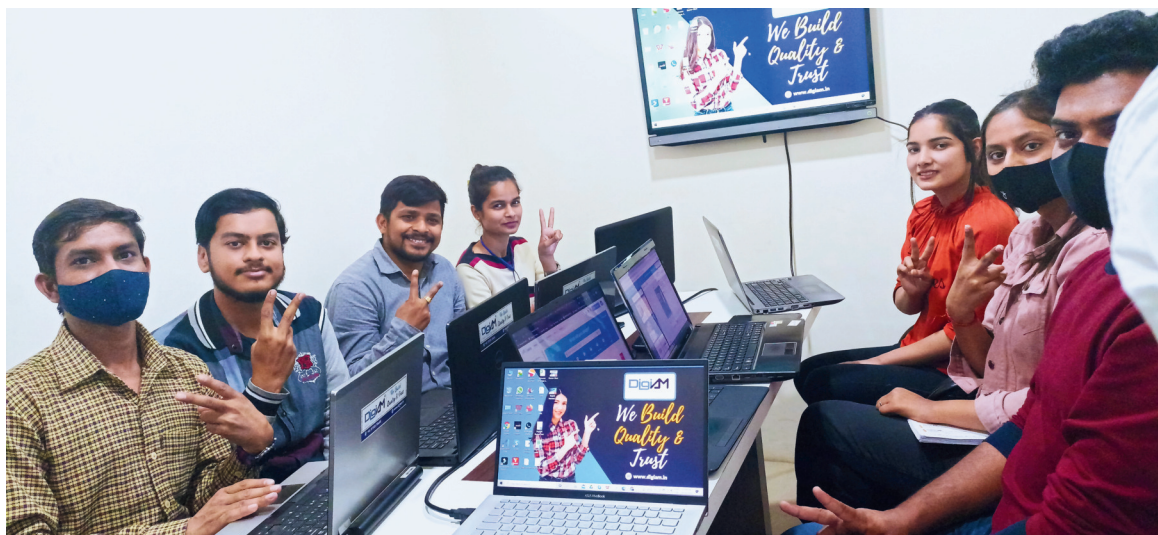
- Predictive Modeling (House Price Prediction, Loan Approval)
- Customer Segmentation (Clustering)
- Sentiment Analysis on Tweets
- Image Classification Project

Module 16

Capstone Project & Certification

- End-to-End Real-World Data Science Project
- Data Collection, Cleaning, Modeling, Deployment
- Report & Documentation
- Project Presentation & Viva
- Certification Assessment

Our Achievements:



Our Achievements:



DigiAM Placement:



ANKITA SHARMA
(ELDECO GROUP)



CHITRA PANDEY
(BAJAJ FINSERV)



ANKIT DADHEECH
(VCOMMISSION)



SARFARAZ ALAM
(ROOTER)



SHERYA PODDAR
(VEHICAL CARE)



SUYASH SHARMA
(FREELANCER)



UTKARSHA DEVYANI
(FERNS N PETALS)



SHIDHARTH CHABRA
(BANK OF AMERICA)



AMAN DAGUR
(CREATION BIOTECH)



SHIVANI DEVAL
(THRIVING TECHNOLOGIES)



ARPIT SHUKLA
(SRMS)



JASVINDER SINGH
(SPORTS KEEDA)



YOGESH SARASWAT
(JK CEMENT)



ANUBHAV SAXENA
(PAVITRA MENTHA)



TRIBHUVAN BOHRA
(STAGE)



DEEPTI SHUKLA
(GUARDIAN LIFE)



ANKITA BHARDWAJ
(OK ACQUIRED)



DEEPIKA SHARMA
(LEGAL SALAH)



SHHADHAT HUSSAIN
(ACCENTURE)



SHAQIB MALIK
(E GLOBAL SOFT)



FAQ'S

- **In case I missed my session.**
You'll be able to cover your topics in upcoming batches or the next session at zero cost.
- **If I could not understand the topics.**
You can take an extra session or learn in upcoming batches.
- **Do you provide training material?**
Yes! We do provide training materials in soft copy through the application.
- **Do you offer customization of training?**
Yes, we do; we consider every single requirement of our trainees and then customize their training according to their needs.
- **Do you provide Courses & Training?**
Yes! We provide both Courses & Training, so you can join both modes of the program according to your needs.
- **If you are a working professional.**
Our batch timings are flexible. So you need not be worried about that. You can join us at your convenience.
- **What about placements?**
We provide 100% placement support.
- **How much salary can I expect?**
It depends on your training program and field. What you choose. But at the fresher level, you can get around 3 Lakh to 6 Lakh per annum.
- **Eligibility criteria for joining**
If you have a successful pass-out graduate & postgraduate with a technical degree in any discipline from a recognized college/university.

Boost Your Career Growth & Master Skills to Become an Expert in...



Data Collection & Preparation



Exploratory Data Analysis & Visualization



Predictive & Prescriptive Analytics



Reporting, Automation & Performance Optimization



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