INVENTATEQ
LEARN SKILLS • GET PLACED

MASTER DATA SCIENCE COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Data Science Training

BEST RATED ON TOP PLATFORMS

Google Reviews ★★★★★ · Trustpilot ★★★★★ · Sulekha ★★★★★

COURSE BENEFITS

- 100% Practical & Real-Time Hands-on Labs
- End-to-End Capstone Implementation Projects
- Industry Recognized Certification Preparation
- 100% Dedicated Placement Support in MNC's & Mock Interviews

15+	500+	25K	15K
YEARS OF EXCELLENCE	HIRING PARTNERS	STUDENTS TRAINED	STUDENTS PLACED

Chat on WhatsApp
FREE Career Counselling
+91 85500 00909

YOUR FUTURE
STARTS HERE !

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ARE YOU FACING THESE CHALLENGES ?

- Still searching for your first job after graduation?
- Worried about the Gap? And don't know how to start your career?
- Stuck in a low-salary job? and seeking for better growth opportunities?
- Fear of switching to an IT career from a non-IT background
- Not getting interview calls despite applying to 100+ jobs?

TOO MUCH THEORY
NO PROJECTS
SKILL GAP
NO GUIDANCE

How Inventateq Helps You

Waiting Ends. Careers Begin.
Build job-ready skills. Start applying with confidence.

Turns Gaps into Comebacks
Close skill gaps. Rebuild your career

Break Free. Move Forward
Learn in-demand skills. Take your next career step.

Doubt Out. Confidence In.
Practice real skills. Walk into interviews prepared.

Turn Rejections into Chances
Turn every setback into skills employers value.

Be Smart Learn AI
Learn AI tools. Work smarter. Stay updated

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ABOUT INVENTATEQ

Inventateq is a leading IT training and placement company committed to transforming learners into Industry ready professionals

Our Mission
To deliver high-quality education, practical slots and career opportunities that empower individuals to achieve their dreams

Our Vision
To be a globally recognised training company known for innovation, quality and impactful learner outcomes.

Why Thousands Choose Inventateq?

15+	500+	25,000+	15,000+
Years of Excellence	Hiring Partners	Students Trained	Students Placed

We Collaborate With

Deloitte. · Capgemini · amazon · HCL · Tech Mahindra

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WHY LEARN DATA SCIENCE ?

Enterprises worldwide are actively hiring certified Data Science professionals to drive critical business operations, digital transformation, and modernization.

CAREER SCOPE OF DATA SCIENCE

Exponential Industry Demand
Rapid enterprise adoption across global IT firms, MNCs, and technology centers

Premium Salary Compensation
Command competitive compensation packages with rapid growth milestones

Cross-Industry Opportunities
Versatile skill set applicable across technology, consulting, finance, and core sectors

Future-Proof Career Growth
Long-term job security supported by ongoing digital modernization and tooling investment

Global Certification Pathways
Direct alignment with recognized industry certifications to validate your competence

Worldwide Job Prospects
Open doors to roles in major Indian tech hubs as well as international remote positions

INDUSTRY-RECOGNIZED CERTIFICATION

INVENTATEQ
CERTIFICATE
OF ACHIEVEMENT
SIGNATURE

QR Verified · Globally Valid · ISO 9001:2015

Top-Tier Data & AI Demand. Global Analytics Roles. Premium Compensation.

Average Data Scientist Salary in India

₹7.5 LPA – ₹24 LPA

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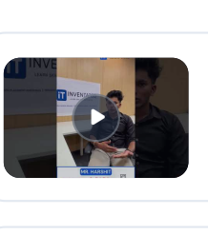
WHY INVENTATEQ ?

Because we have placed over 15,000+ students and we can place you as well

STUDENT PLACEMENTS

- 100% Placement Assurance Support
- 500+ Top Tech Hiring Partners
- Resume & LinkedIn Optimization
- Industry Mock Technical Interviews
- Unlimited Interview Calls Until Placed

COURSE & PLACEMENT VIDEOS



Student Genuine Feedback
9.5 LPA Career Success in AI!...
Inventateq Bangalore Reviews
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Practical Training Success
Data Science Course in Bangalore, Learn AI Tr...
Industry Tech Career
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Placement Story
Inventateq Reviews & Student Genuine Feed...
Campus to MNC Offer
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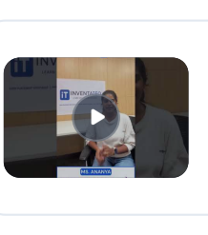

Interview Skills & Growth
Ananya's Placement Success Story | AI Course ...
Free Student Masterclass
Watch Video

> **At Inventateq, Your Success is Our Mission !**

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GUARANTEED PLACEMENT SUPPORT

We don't just teach, we prepare you for the real world!

- Aptitude Training
- Technical Training
- Mock Interviews
- HR Interview Preparation
- Resume Preparation
- Cover Letter Preparation
- LinkedIn Profile Optimisation
- Job Portal Access
- Placement Drives & Hiring Events

OUR RECRUITMENT PARTNERS

TATA · Infosys · wipro · Capgemini · Tech Mahindra · LARSEN & TOUBRO · HCL TECH · accenture

OUR PLACEMENT STATS

Our placement record reflects consistent growth, with students securing opportunities across leading companies in diverse industries.

15,000+	500+	95%	6 LPA
Students Placed	Companies Hired	Placement Ratio	Average Package

Check Most Recent Placements

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CAREER PROGRESSION

Job responsibilities, technical competency and portfolio evidence for each role.

ROLE PATHWAY	TYPICAL RESPONSIBILITIES	PORTFOLIO PROOF
Data Science Developer	Manage core Python Programming tasks, configure tooling, and support delivery.	Practical Python Programming setup files, exercise scripts, and documentation.
Data Science Specialist	Build practical Numerical Computing workflows, implement features, and resolve issues.	Functional Numerical Computing modules, workflow configs, and practical deliverables.
Lead Data Science Engineer	Lead Data Science technical delivery, design solutions, and set standards.	Complete Data Science capstone artifacts, technical blueprints, and reports.

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SKILLS ROADMAP

Progress from core foundations to production-ready enterprise workflows.

MILESTONE	PRACTICAL OUTPUT	REVIEW EVIDENCE
Milestone 1 (Foundations)	Master fundamental Python Programming concepts, environment setup, and tools.	Configured Python Programming workspace and verified practice exercises.
Milestone 2 (Implementation)	Develop practical Numerical Computing workflows and functional domain modules.	Working Numerical Computing project modules and validated practice outputs.
Milestone 3 (Advanced Workflows)	Implement advanced Applied Statistics features, integrations, and optimizations.	Validated Applied Statistics configurations and technical review outputs.
Milestone 4 (Production Capstone)	Deliver an end-to-end Data Science capstone project and technical review.	Complete Data Science project portfolio artifact and defense.

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DETAILED MODULE PLAN

7 in-depth modules • 3 Months Duration • Hands-on practical training

Module 1: Python Programming for Data Science

- Python fundamentals: Data types, lists, dictionaries, tuples, and functions
- Object-oriented programming basics and writing modular, reusable Python code
- Working with external files: Reading and writing CSV, Excel, and JSON data
- Python environments: Setting up Jupyter Notebook, Google Colab, and VS Code

GUIDED LAB
Build and evaluate a practical machine learning workflow for Python fundamentals: Data types.

INTERVIEW & ASSESSMENT
Explain how Python fundamentals: Data types helps businesses solve complex problems with AI.

Module 2: Numerical Computing & Data Manipulation

- NumPy: Creating arrays, matrix indexing, slicing, vectorization, and mathematical operations
- Pandas Series and DataFrames: Loading, inspecting, filtering, and indexing structured datasets
- Data Cleaning: Handling missing null values, detecting outliers, and removing duplicate records
- Data Transformation: Merging, joining, grouping with groupby(), and creating pivot tables

GUIDED LAB
Load a raw spreadsheet, remove missing values, and calculate summary statistics.

INTERVIEW & ASSESSMENT
Explain why data cleaning is the most important step before building models.

Module 3: Exploratory Data Analysis (EDA) & Data Visualization

- Principles of exploratory data analysis: Identifying trends, patterns, and anomalies in raw data
- Visualizing data distributions and relationships using Matplotlib
- Statistical plotting with Seaborn: Heatmaps, box plots, violin plots, and correlation matrices
- Feature Engineering: Creating new predictive features, one-hot encoding, and standard scaling

GUIDED LAB
Build and evaluate a practical machine learning workflow for Principles of exploratory data analysis:.

INTERVIEW & ASSESSMENT
Explain how Principles of exploratory data analysis: helps businesses solve complex problems with AI.

Module 4: Applied Statistics & Probability for Data Science

- Descriptive Statistics: Mean, Median, Mode, Variance, Standard Deviation, and Interquartile Range
- Probability Distributions: Normal (Gaussian) distribution, Central Limit Theorem, and Z-scores
- Inferential Statistics: Hypothesis testing, p-values, Null and Alternative hypotheses
- Performing T-Tests, Chi-Square Tests, and ANOVA for business decision-making

GUIDED LAB
Build and evaluate a practical machine learning workflow for Descriptive Statistics: Mean.

INTERVIEW & ASSESSMENT
Explain how Descriptive Statistics: Mean helps businesses solve complex problems with AI.

Module 5: Supervised Machine Learning Algorithms

- Introduction to Machine Learning: Supervised vs Unsupervised learning workflows
- Scikit-Learn library setup: Train/Test data splitting and cross-validation techniques
- Regression algorithms: Linear Regression, Multiple Regression, and Regularization (Lasso, Ridge)
- Classification algorithms: Logistic Regression, K-Nearest Neighbors (KNN), Decision Trees, and Random Forests
- Gradient Boosting algorithms: XGBoost and LightGBM for competitive predictive modeling

GUIDED LAB
Train a basic prediction model on sample data and test its accuracy on new records.

INTERVIEW & ASSESSMENT
Explain how computers learn patterns from past data to predict future outcomes.

Module 6: Unsupervised Learning & Clustering

- Clustering concepts: Grouping unlabeled customer and business data
- K-Means Clustering: Finding optimal clusters using the Elbow Method and Silhouette Score
- Hierarchical Clustering and Dendrogram visualization
- Dimensionality Reduction: Principal Component Analysis (PCA) for reducing high-dimensional data

GUIDED LAB
Build and evaluate a practical machine learning workflow for Clustering concepts: Grouping unlabeled customer.

INTERVIEW & ASSESSMENT
Explain how Clustering concepts: Grouping unlabeled customer helps businesses solve complex problems with AI.

Module 7: Model Evaluation, SQL & Deployment

- Evaluating Regression models: Mean Squared Error (MSE), RMSE, and R-squared metrics
- Evaluating Classification models: Confusion Matrix, Precision, Recall, F1-Score, and ROC-AUC curves
- Hyperparameter tuning using GridSearchCV and RandomizedSearchCV
- SQL for Data Science: Writing SELECT, JOIN, GROUP BY, and window functions to query relational databases
- Deploying predictive models: Saving models with Pickle/Joblib and building an interactive web demo with Streamlit
- Hands-on Practical Projects:
- Customer Churn Prediction Model: Build and evaluate classification models using Scikit-Learn to identify telecom customers at risk of cancellation, achieving high recall and ROC-AUC scores.
- Exploratory Real Estate Price Analyzer: Clean real-world housing data with Pandas, engineer property features, and predict market sale prices using Gradient Boosted Decision Trees.

GUIDED LAB
Load a raw spreadsheet, remove missing values, and calculate summary statistics.

INTERVIEW & ASSESSMENT
Explain why data cleaning is the most important step before building models.

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REAL-WORLD PORTFOLIO PROJECTS

Practical industry scenarios, tools applied, and demonstrable project outcomes.

Project 1: Python Programming Data Setup & Architecture

What it is: Set up the core Python Programming Data environment and configure essential business settings.
What you do: Initialize base configurations, create clean templates, and verify workflow controls.
Tools used: Data Science, Python Programming Data, Python Data types
Project outcome: Working project foundation configured and tested according to best practices.

Project 2: Numerical Computing Data Feature Implementation

What it is: Build practical Numerical Computing Data modules to handle everyday business operations.
What you do: Create core functional components, validate input data, and prevent common errors.
Tools used: Data Science, Numerical Computing Data, NumPy Creating arrays
Project outcome: Functional business module ready to run and demo with zero manual errors.

Project 3: Applied Statistics Probab System

What it is: Connect Applied Statistics Probability with Descriptive Statistics Mean to automate data and team workflo
What you do: Set up automated pipelines, link required services, and run end-to-end tests.
Tools used: Data Science, Applied Statistics Probability, Descriptive Statistics Mean
Project outcome: Live automated workflow pipeline documented with clear usage guides.

Project 4: Data Science End-to-End Capstone

What it is: Build a complete, production-ready Data Science project bringing all skills together.
What you do: Design, code, test, and document a full project workflow from scratch to launch.
Tools used: Data Science, Unsupervised Learning Clustering
Project outcome: Verified capstone project ready to showcase on your resume and interview calls.

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ASSESSMENT FRAMEWORK

Module tests, practical evaluations, capstone and completion criteria.

COMPONENT	ASSESSMENT FOCUS	PASS EVIDENCE
Module Knowledge Quizzes	Core Python Programming principles, industry terminology, and workflow concepts	Consistent passing score across syllabus unit evaluation tests
Lab Submissions & Practice Reviews	Hands-on Numerical Computing implementation, configuration, and practical exercises	Working lab deliverables satisfying practical evaluation rubrics
Hands-On Mini Projects	Independent problem-solving using intermediate Applied Statistics techniques	Functional project artifacts addressing realistic domain scenarios
Final Production Capstone	End-to-end Data Science implementation, quality review, and delivery	Complete capstone submission with technical walkthrough review
Technical Mock Viva	Technical reasoning, troubleshooting approaches, and communication	Successfully defending project decisions in structured mock panels

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RESUME, GITHUB & LINKEDIN

Evidence-based resume writing and professional project presentation.

- Modular GitHub repository per project with setup steps, dependencies, and clean commits.
- Detailed Python Programming diagrams, component specifications, and end-to-end workflows.
- Visual project sheets, live demonstration walkthroughs, and verified functional outputs.
- Project documentation covering Numerical Computing setup, configuration steps, and test notes.
- Direct resume bullet points highlighting hands-on Data Science tools and technical outcomes.
- Structured practice for technical interview pitches, walkthroughs, and viva defense.

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OUR STUDENT

Meet the learners who turned their goals into successful careers through dedication, skill, and continuous growth.

READ REVIEWS

MS. SNEHA
Placed at Wipro (9.5 LPA)

"The practical lab sessions gave me the confidence to transition into enterprise roles. Working on real-world datasets helped me clear technical interviews effortlessly!"
Course Completed : **Data Science Specialist** ★★★★★

MR. HARSHIT
Placed at Accenture (11.2 LPA)

"Inventateq's focus on industry capstone projects and mock interviews was game-changing. The mentors guided me through every real-world implementation hurdle."
Course Completed : **Data Science Specialist** ★★★★★

MR. KARTHIK
Placed at Capgemini (10.5 LPA)

"Moving from beginner theory to hands-on enterprise tools was seamless. The portfolio defense preparation helped me crack my MNC placement round!"
Course Completed : **Data Science Specialist** ★★★★★

WATCH VIDEOS

Watch real stories from our students as they talk about their journey, growth, and placement success.

₹8.5 LPA
MR. HARSHIT

9.5 LPA Career Success in AI!
Course Video 1 • Student Feedback
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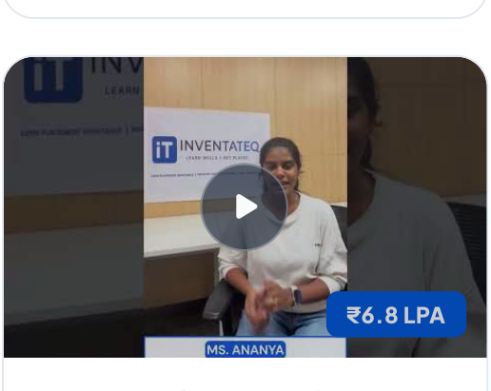
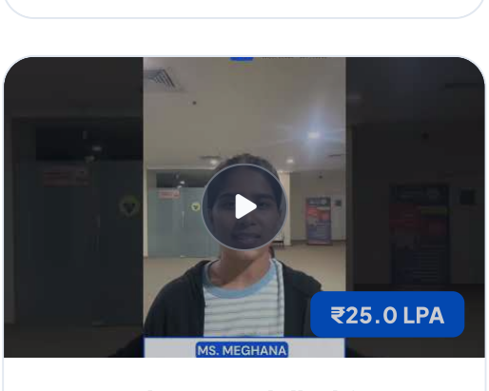
Data Science Course in Bangalore, Learn AI Training with Placement
Course Video 2 • Student Feedback
Watch Story

Inventateq Reviews & Student Genuine Feedback Bangalore
Course Video 3 • Student Feedback
Watch Story



Ananya's Placement Success Story | AI Course | 6.5 LPA at Accenture| Inventateq
Course Video 4 • Student Feedback
Watch Story



Ms. Meghana Upskilled & Placed at 25 LPA
Top Offer • Enterprise Consultant
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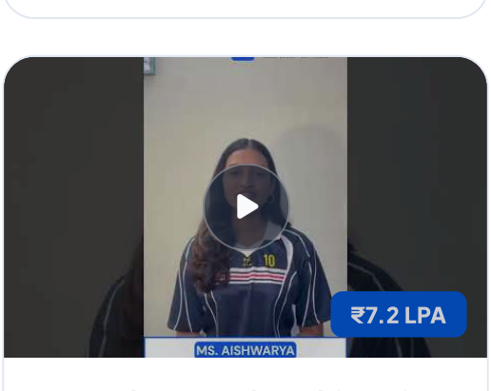

Ms. Aishwarya Placed for 7.2 LPA Package
Verified Offer • Software Dev
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