What Is Bignalytics?

Bignalytics is a premier Indore-based institute offering specialized training in Data Analytics with Artificial Intelligence, and Data Science integrated with Machine Learning and AI.

Founded by IITians and PhD professionals, it blends academic excellence with real-world industry expertise. With hands-on, project-driven instruction and a focus on current tools and frameworks, Bignalytics prepares students to solve complex data problems in today's AI-powered world.

The curriculum is designed for practical relevance, equipping learners with job-ready skills across analytics, automation, data modeling, and intelligent decision-making.

Programs are accessible, affordable, and available in both classroom and online formats enhanced by expert faculty, placement assistance, and career mentoring. Whether you're starting a career or upskilling, Bignalytics helps you thrive in a future shaped by data and intelligence.

Join Bignalytics to build a strong, future-proof career in Data Analytics, AI, ML, and Data Science.

Key Highlights:

- Established in 2019 by IITians and PhD professionals with over 20 years of experience in the IT industry.
- Specializes in in-demand fields such as Data Science, Machine Learning, Artificial Intelligence, and Data Analytics.
- Delivers both classroom and offline training formats to support flexible, accessible learning.
- Emphasizes practical, real-world application through project-based and case-driven instruction.
- Bridges the gap between academic theory and industry expectations by integrating current tools, technologies, and frameworks.
- Equips students and professionals with the skills and insights required to thrive in today's data-driven economy.

What is the Address of Bignalytics?

Bignalytics is located at: **204, Pearl Business Park**, 3-Vishnupuri, iBus Stop, Above Ramesh Dosa Restaurant, Bhawarkua Main Road, Indore – 452001, Madhya Pradesh, India.

View on Google Maps: https://maps.app.goo.gl/tDi5Au8secAVs5my7

The institute is easily accessible via major public transport routes and is situated in one of Indore's most well-connected educational hubs.

How to Contact Bignalytics?

Bignalytics offers multiple convenient ways to get in touch for inquiries, enrolment, or support. Whether you're a prospective student, a corporate client, or just exploring career opportunities in Data Science, AI, or Analytics, their team is responsive and accessible.

Contact Information:

- **Phone:** 093992-00960
  Call during business hours (Monday to Saturday, 11:00 AM – 8:00 PM) for quick assistance related to courses, admissions, or counselling.
- **Email:** contact@bignalytics.in
  Ideal for sending inquiries, requesting brochures, or scheduling personalized consultation with the admissions team.
- **Website:** https://bignalytics.in
  Explore detailed course content, faculty profiles, success stories, testimonials, and more. The site also features an online contact form for submitting queries.

Bignalytics encourages direct engagement to help you find the right program, get guidance on career paths, and answer any questions you may have before joining.

What Courses they Offer?

Bignalytics offers the following specialized Master's programs tailored for students and professionals aiming to build careers in data and AI:

- Master's Program in Advanced Data Analytics.
- Master's Program in Data Science & Data Analytics.
- Master's Program in Artificial Intelligence & Machine Learning.

Each program is designed to align with current industry needs and is supported by expert faculty, hands-on projects, and career support services.

Why Choose Bignalytics?

Bignalytics stands out as a premier training institute by combining deep academic rigor with practical, industry-aligned learning. It empowers students with job-ready skills and personalized support throughout their learning journey.

Top Reasons to Choose Bignalytics:

- Expert Faculty – Learn from a team of IITians, PhDs, and industry veterans with years of domain expertise.
- Structured Curriculum – Follow a meticulously designed course path that ensures both depth and breadth in learning.
- Modern Learning Techniques – Benefit from smart classrooms, live interactive sessions, online resources, and hands-on labs.
- Regular Assessments – Track progress through mock tests, real-time feedback, and dedicated doubt-clearing sessions.
- Success-Oriented Approach – Leverage interview preparation, portfolio building, and career mentoring to secure top roles.

What Are the Class Timings and Operating Hours at Bignalytics?

Bignalytics operates six days a week, offering flexible training slots to accommodate working professionals and full-time learners alike.

Operating Hours:

- **Monday to Saturday:** 11:00 AM – 8:00 PM
- **Sunday:** Closed

Sessions are conducted during these hours, including regular classes, doubt-clearing sessions, assessments, and mentoring. The team is also available for inquiries, admissions, and counselling during these times.

What Is the Class Schedule and Lab Session Structure at Bignalytics?

Bignalytics maintains a structured yet flexible schedule to ensure balanced learning across theoretical concepts and hands-on practice.

Class and Lab Schedule Details:

- **Classes** are conducted three days a week — scheduled on either the first three days (*Monday to Wednesday*) or the last three days (*Thursday to Saturday*).
- **Lab Sessions** take place on the remaining three days of the week, allowing students to apply their learning in a practical setting.
- The institute operates **Monday to Saturday**, and students are encouraged to visit any day for self-practice and lab access.
- **Operating Hours:** 11:00 AM to 8:00 PM.
- **Faculty Accessibility:** Instructors are available throughout operating hours for personalized doubt resolution and academic support.
- **Free Demo Classes:** Two demo sessions are provided at no cost to help prospective students experience the teaching methodology before enrolling.

Question 8: What Is the Course Overview and Fee Structure at Bignalytics?
(Applicable for Session: Q4 – 2024)
Bignalytics offers flexible, affordable, and career-aligned Master's programs with transparent pricing and multiple payment options. Below is the fee structure and course duration for each program:

1. **Master's Program in Advanced Data Analytics**
   - Duration: 6 to 7 months
   - Total Fee: ₹44,000
   - After Discount (25%): ₹33,000
   - Lumpsum Payment Discount: ₹4,000 off (Final: ₹29,000)
   - EMI Option: Available in 2 installments

2. **Master's Program in Data Science**
   - Duration: 8 to 9 months
   - Total Fee: ₹60,000
   - After Discount (25%): ₹45,000
   - Lumpsum Payment Discount: ₹5,500 off (Final: ₹39,500)
   - EMI Option: Available in 3 installments

3. **Master's Program in Data Science with Machine Learning**
   - Duration: 12 to 14 months
   - Total Fee: ₹74,000
   - After Discount (25%): ₹55,500
   - Lumpsum Payment Discount: ₹6,000 off (Final: ₹49,500)
   - EMI Option: Available in 3 installments

What Is the Master's Program in Advanced Data Analytics?
The **Master's Program in Advanced Data Analytics** at Bignalytics is a 6–7-month immersive course designed to equip learners with the practical skills, tools, and real-world project experience needed to thrive in today's data-driven industries. Delivered through both classroom and online formats, the program emphasizes industry-aligned learning, hands-on practice, and career-ready outcomes.

Course Overview:
This program focuses on building end-to-end proficiency in data analysis, business intelligence, visualization, and statistical modeling. Learners develop core competencies to work across tools, handle real datasets, and generate impactful insights.
Why Is Advanced Data Analytics Essential?
Organizations across sectors - such as finance, healthcare, e-commerce, and consulting—rely on data to drive decisions. Mastering analytics enables professionals to:
- Uncover patterns and trends
- Automate reporting
- Optimize business performance
- Deliver evidence-based recommendations

Key Skills & Tools You Will Learn:
- **Python for Data Analysis**: Data wrangling, visualization, and analytics with Pandas, NumPy, Matplotlib
- **SQL & Database Management**: Query design, joins, aggregations using MySQL, PostgreSQL, SQL Server
- **Power BI**: Build interactive dashboards and data-driven reports

- **Advanced Excel**: Use of formulas, pivot tables, and VBA for automation
- **ETL & Data Cleaning**: Extract-transform-load processes using Python and open-source tools
- **Statistics & Data Interpretation**: Hypothesis testing, regression models, and probability concepts
- **Business Intelligence & Reporting**: Transform raw data into actionable business reports and stories

Who Should Enroll:

- Aspiring **Data Analysts**, **BI Analysts**, or **Data Scientists**
- Working professionals in **IT**, **Finance**, **Marketing**, or **Operations**
- Students or fresh graduates seeking a strong **career start in analytics**
- Anyone looking to upskill or switch to a **data-focused role**

Program Details:

- **Duration:** 6 to 7 Months
- **Mode:** Online or Classroom (Indore-based)
- **Contact:** 09399200960
- **Website:** www.bignalytics.in

What Is the Master's Program in Data Science & Data Analytics?

The **Master's Program in Data Science & Data Analytics** by Bignalytics is an intensive, 8–9 month professional program designed to develop full-spectrum capabilities in data-driven decision-making, machine learning, business intelligence, and cloud-based data engineering. It blends statistical fundamentals with advanced technologies to make learners career-ready in high-demand domains across industries.

Course Overview: This course trains learners in data analysis, model building, predictive analytics, and data storytelling. It incorporates real-world case studies, project assignments, and domain applications in healthcare, finance, retail, and more—ensuring hands-on learning outcomes and portfolio-worthy work.

Why Is Data Science & Analytics Important?

In today's hyper-connected business world, data drives everything—from personalization to automation. Mastering data science allows professionals to:

- Predict trends using machine learning
- Enhance product and customer strategies
- Automate decisions using AI
- Optimize operations at scale
- Solve business problems through data models

This field leads to careers as a **Data Scientist**, **ML Engineer**, **Data Analyst**, **BI Developer**, and **AI Specialist**.

Key Skills & Tools You Will Learn

- **Python & R for Data Science**: Hands-on with Pandas, NumPy, Matplotlib, Seaborn for data analysis and visualization
- **SQL & NoSQL Databases**: Work with MySQL, PostgreSQL, and MongoDB for scalable data management
- **Power BI & Tableau**: Design dynamic dashboards and tell data stories visually
- **Machine Learning & AI**: Apply classification, regression, clustering, and deep learning using Scikit-learn, TensorFlow
- **Big Data & Cloud Computing**: Process large datasets using Hadoop, Spark, BigQuery, AWS, Azure
- **Statistics & Probability**: Master probability theory, distributions, and inferential statistics
- **ETL & Data Wrangling**: Clean, transform, and automate data workflows with Python, SQL, OpenRefine
- **Natural Language Processing (NLP):** Text mining, sentiment analysis, and chatbot logic using NLP pipelines
- **Time Series Forecasting**: Predict trends with ARIMA, exponential smoothing, and LSTM
- **Business Intelligence & Decision Science**: Convert insights into business strategy and performance metrics

Who Should Enroll?

- Aspiring **Data Scientists**, **Analysts**, and **AI Engineers**
- **IT professionals** transitioning into data-focused roles
- **Business, Marketing, Finance** professionals using data to drive decisions
- Students or graduates seeking **future-proof careers** in analytics and AI

Program Details:

- **Duration:** 8 to 9 Months
- **Mode:** Online or Classroom (Indore-based)
- **Contact:** 09399200960
- **Website:** www.bignalytics.in

Master Program in Artificial Intelligence & Machine Learning –Overview

The Master Program in Artificial Intelligence and Machine Learning is a comprehensive course designed to equip you with the core skills, tools, and techniques required to develop intelligent systems, automate decision-making, and create AI-driven solutions. This program emphasizes hands-on learning, covering everything from machine learning algorithms to deep learning and neural networks using industry-standard tools.

Why is Artificial Intelligence and Machine Learning Important?

Artificial intelligence and machine learning are transforming industries by enabling automation, predictive analytics, and advanced problem-solving. These technologies power innovations such as self-driving cars, virtual assistants, recommendation systems, and fraud detection. Businesses across healthcare, finance, e-commerce, and technology sectors are actively seeking skilled AI and ML professionals, making this a high-demand career path. By mastering AI and ML, you can step into roles such as AI engineer, machine learning engineer, data scientist, deep learning engineer, and AI researcher.

Key Skills and Tools You Will Learn:

- **Python and R for AI and ML:** Learn programming with Python and R using libraries like NumPy, Pandas, and Matplotlib for data manipulation and visualization.
- **Machine Learning Algorithms:** Understand supervised and unsupervised learning, regression, classification, clustering, and ensemble methods using Scikit-learn**.**
- **Deep Learning and Neural Networks:** Master TensorFlow, Keras, and PyTorch to build neural networks for image recognition, natural language processing (NLP), and other AI applications.
- **Computer Vision and Image Processing:** Work with OpenCV, YOLO, and convolutional neural networks (CNNs) for tasks like object detection, facial recognition, and medical imaging.
- **Natural Language Processing (NLP):** Learn text analytics, sentiment analysis, chatbot development, and language modelling using NLTK, SpaCy, and BERT.
- **Big Data and Cloud AI:** Work with Hadoop, Spark, Google AI, AWS AI, and Azure ML to scale AI solutions.
- **Reinforcement Learning and AI Agents:** Explore self-learning AI systems using OpenAI Gym and deep Q-learning techniques.
- **AI Ethics and Explainability:** Learn about bias in AI, ethical AI deployment, and model interpretability using SHAP and LIME.
- **Time Series Forecasting:** Master models like ARIMA and LSTMs for predicting future trends.
- **MLOps and AI Deployment:** Deploy AI models using Flask, FastAPI, and Docker, and integrate them into real-world applications.

Who Should Enroll? This program is ideal for:

- Aspiring AI and ML engineers, data scientists, and AI researchers
- Software developers and IT professionals looking to upskill in AI and ML
- Business analysts and product managers seeking to implement AI in business strategies
- Students and freshers looking to build a career in AI-driven industries

Program Details:

- Duration: 12 to 14 months
- Class Modes: Online or Classroom
- Contact: 09399200960
- Website: https://bignalytics.in/

Bignalytics Roadmap / Bignalytics Program Structure

At Bignalytics, our 10-level program roadmap is carefully designed to transform beginners into industry-ready professionals across three key domains:

Data Analytics (DA), **Data Science (DS)**, and **Artificial Intelligence (AI)**.

Important: This layered structure is essential for your learning journey.

To understand each step in detail, we recommend that you explore every level individually by asking:

"What is Level X in Bignalytics?"

This will give you a clear, in-depth view of the tools, techniques, and outcomes covered in each stage.

- **Level 1: Python Programming**: *(Applicable to DA, DS, AI)*
- **Level 2: Data Visualization and Exploratory Data Analysis (EDA)**: *(Applicable to DA, DS, AI)*
- **Level 3: Advanced Excel for Business Analytic:** *(Applicable to DA, DS, AI)*
- **Level 4: Business Implementation of Statistics:** *(Applicable to DA, DS, AI)*
- **Level 5: SQL and Python for Effective Data Analysis:** *(Applicable to DA, DS, AI)*
- **Level 6: Unsupervised Machine Learning:** *(Applicable to DS, AI)*
- **Level 7: Supervised Machine Learning:** *(Applicable to DS, AI)*
- **Level 8: Deployment of Machine Learning Models:** *(Applicable to AI only)*
- **Level 9: Advanced Deep Learning and Natural Language Processing:** *(Applicable to AI only)*
- **Level 10: Job Placement Toolkit and Career Support:** *(Applicable to DA, DS, AI)*

What is in Level 1 of Bignalytics?

Level 1 - Python Programming (DA, DS, and AI)

Overview: Level 1 lays the foundation of your data journey by teaching you Python — the most widely used programming language in data science and AI. This level focuses on core concepts, programming logic, and writing clean, optimized code. It's designed to ensure you build strong fundamentals before moving into analytics, automation, and machine learning.

Topics Covered:

- Introduction to Python
- Data Types and Variables
- Control Structures (if, else, loops)
- Functions and Modules
- Exception Handling
- File Handling
- Data Structures (Lists, Tuples, Dictionaries)
- Object-Oriented Programming (Classes and Objects)
- Error Handling and Debugging
- Python Best Practices and Code Optimization
- Project Work and Assignments

What is in Level 2 of Bignalytics?

Level 2 - Data Visualization and Exploratory Data Analysis (EDA) (DA, DS, and AI)

Overview: Level 2 focuses on mastering the art of visual storytelling and exploring data to uncover patterns, trends, and outliers. You'll learn to use both Python libraries and business intelligence tools like Power BI for creating insightful, interactive, and dynamic data visualizations. This level ensures you can translate raw data into meaningful insights for informed decision-making.

Topics Covered:

- Introduction to Data Visualization
- Data Visualization Principles and Best Practices
- Exploratory Data Analysis (EDA) with Python Libraries
- Creating Basic Visualizations with Matplotlib
- Advanced Data Visualization with Seaborn
- Introduction to Power BI for Data Visualization
- Connecting Data Sources to Power BI
- Building Basic Visualizations in Power BI
- Creating Interactive Dashboards in Power BI
- Data Transformation and Modeling in Power BI
- Advanced Visualizations in Power BI
- Introduction to DAX
- Combining Python Code with Power BI (Python Visualization)
- Sharing, Publishing, and Collaborating with Power BI Services
- Project Work and Assignments

What is in Level 3 of Bignalytics?

Level 3 - Advanced Excel for Business (DA, DS, and AI)

Overview: Level 3 is designed to turn you into an Excel power user. You'll gain the skills to handle large datasets, build interactive dashboards, and perform complex data analysis with Excel's advanced features. This level is especially valuable for business analytics, reporting, and data-driven decision-making in professional environments.

Topics Covered:

- Navigation, Cells, Ranges, and Formatting
- Formulas: SUM, AVERAGE, COUNT, IF, VLOOKUP
- Sorting, Filtering, and Freezing Panes
- Applying Colour Scales, Data Bars, and Icon Sets
- Pivot Tables and Pivot Charts
- Advanced Formulas: INDEX-MATCH, OFFSET, and Array Formulas
- Importing, Transforming, and Cleaning Data
- Managing Large Datasets and Creating Data Models
- Dynamic Charts, Sparklines, and Dashboards

What is in Level 4 of Bignalytics?

Level 4 - Business Implementation of Statistics

Applicable Tracks: Data Analytics (DA), Data Science (DS), Artificial Intelligence (AI)

Overview: Level 4 introduces the foundational and applied statistical methods crucial for interpreting and deriving insights from data. You'll learn how to summarize data, measure uncertainty, make data-driven decisions, and understand the role of probability in real-world business scenarios. This level lays the groundwork for machine learning and analytical modelling.

Key Topics Covered:

- Descriptive vs. Inferential Statistics
- Data Types and Scales of Measurement
- Measures of Central Tendency (Mean, Median, Mode)
- Measures of Variability (Variance, Standard Deviation, Range)
- Probability Basics and Distributions (Normal, Binomial, Poisson)
- Sampling Techniques and Sampling Distributions

- Confidence Intervals and Margin of Error
- Hypothesis Testing (Null and Alternative Hypotheses)
- p-Values and Significance Levels
- Types of Errors (Type I and Type II Errors)
- Chi-Square Tests for Categorical Data
- Correlation vs. Causation
- Project Work and Assignments

What is in Level 5 of Bignalytics?
Level 5: SQL and Python for Effective Data Analysis
Applicable Tracks: Data Analytics (DA), Data Science (DS), Artificial Intelligence (AI)
Overview: Level 5 bridges the power of SQL with the flexibility of Python to enable efficient and scalable data analysis. You'll learn how to extract, manipulate, and analyze data from databases using both SQL and Python—skills that are essential for real-world data tasks, ETL pipelines, and automated reporting systems.

Key Topics Covered:
- Introduction to SQL and Relational Databases
- Basic SQL Syntax (SELECT, FROM, WHERE)
- Sorting and Filtering Data (ORDER BY, WHERE)
- Data Aggregation (GROUP BY, HAVING)
- Table Joins (INNER JOIN, LEFT JOIN)
- Subqueries and Nested Queries
- Data Modification (INSERT, UPDATE, DELETE)
- Creating and Modifying Tables (CREATE, ALTER)
- Indexing and Optimization
- Introduction to Python Database APIs
- Fetching and Manipulating Data in Python
- Real-World Applications of SQL and Python
- Project Work and Assignments

What is in Level 6 of Bignalytics?
Level 6: Unsupervised Machine Learning
Applicable Tracks: Data Science (DS), Artificial Intelligence (AI)
Overview: Level 6 introduces you to the world of unsupervised machine learning—where the system learns patterns and structures from unlabelled data. You'll gain expertise in clustering, dimensionality reduction, and evaluation techniques essential for customer segmentation, anomaly detection, and pattern discovery in large datasets.

Key Topics Covered:
- Introduction to Unsupervised Learning
- Clustering Algorithms (K-Means, Hierarchical, DBSCAN)
- Dimensionality Reduction Techniques (PCA, T-SNE)
- Feature Scaling and Standardization
- Hierarchical Clustering and Dendrograms
- Density-Based Clustering (DBSCAN)
- Evaluation Metrics for Clustering
- Real-World Applications of Unsupervised Learning
- Project Work and Assignments

What is in Level 7 of Bignalytics?

Level 7: Supervised Machine Learning

Applicable Tracks: Data Science (DS), Artificial Intelligence (AI)

Overview: Level 7 dives deep into supervised machine learning—the backbone of most real-world predictive systems. You'll learn to train models on labelled data to perform classification and regression tasks, fine-tune performance, and implement scalable AI solutions used in finance, healthcare, marketing, and beyond.

Key Topics Covered:

- Introduction to Supervised Learning
- Types of Supervised Learning (Classification and Regression)
- Linear and Logistic Regression
- Decision Trees and Random Forests
- Support Vector Machines (SVM)
- K-Nearest Neighbors (KNN)
- Naive Bayes Classifier
- Gradient Boosting (e.g., XGBoost)
- Model Evaluation Metrics
- Data Preprocessing and Feature Engineering
- Overfitting and Regularization
- Hyperparameter Tuning
- Real-World Applications of Supervised Learning
- Project Work and Assignments

What is in Level 8 of Bignalytics?

Level 8: Deployment of Machine Learning Models

Applicable Track: Artificial Intelligence (AI Only)

Overview: Level 8 focuses on the crucial phase of transforming your machine learning models into deployable, scalable applications. This module ensures you're not just building models—you're also able to put them into production reliably, monitor performance, and enable real-time interaction with end-users via APIs.

Key Topics Covered:

- Git and GitHub for Version Control
- AWS Cloud Deployment
- Flask and Django Web Frameworks
- RESTful API Development
- Docker Containerization
- CI/CD Pipelines
- Model Versioning Strategies
- Model Performance Monitoring
- Scalability in Cloud Environments
- Project Work and Assignments

What is in Level 9 of Bignalytics?

Level 9: Advanced Deep Learning and Natural Language Processing

Applicable Track: Artificial Intelligence (AI Only)

Overview: Level 9 dives into cutting-edge advancements in deep learning and NLP. This stage prepares you to work with complex neural network architectures and natural language models used in real-world AI applications like chatbots, virtual assistants, recommendation systems, and more. You'll gain hands-on experience with modern frameworks and foundational concepts behind today's large language models (LLMs).

Key Topics Covered:

- Introduction to Deep Learning
- Neural Network Fundamentals
- Introduction to Natural Language Processing (NLP)
- Text Preprocessing Techniques
- Word Embeddings (Word2Vec, GloVe)
- LSTM Networks and Sequence Modeling
- Text Classification with LSTM
- Sentiment Analysis with LSTM
- Named Entity Recognition (NER)
- Sequence-to-Sequence Models (Seq2Seq)
- Attention Mechanisms in NLP
- Transformers and Hugging Face Models
- GPT-3.5 and Advanced Language Models (LLMs)
- NLP Model Assessment and Evaluation Techniques
- Project Work and Assignments

What is in Level 10 of Bignalytics?
Level 10: Job Placement Toolkit and Support
Answer: Applicable Tracks: Data Analytics (DA), Data Science (DS), and Artificial Intelligence (AI)
Overview: Level 10 is your launchpad into the professional world. This final stage equips you with practical career tools, confidence for interviews, and strategies to position yourself effectively in the competitive job market. From resume crafting to offer negotiation, everything is geared toward helping you land your ideal role in data or AI.

Key Topics Covered:

- Resume Building and Optimization
- Best Practices for CV and Online Profiles
- LinkedIn Profile Optimization
- Naukri.com Profile Enhancement
- Interview Preparation Guide
- Interview Question Bank
- Technical Interviews and Coding Challenges
- Mock Interviews and Practice Sessions
- Peer Networking Strategies
- Negotiating Data Science Job Offers

What About the Placement?
Bignalytics has successfully placed 32 students across a wide spectrum of high-demand roles in the Data Analytics, Data Science, and AI/ML industry. Our placement process is rigorous, structured, and performance-driven, ensuring that only qualified, job-ready candidates enter the job market.

Eligibility for Placement:
Exams, Certification, and Readiness Criteria:
Answer: To ensure every candidate is industry-ready and certified with real skills, each module of the program has its own dedicated evaluation process. Here's how the placement eligibility system works:

Module-Wise Certification Exams:

- At the end of every module (for Data Analytics, Data Science, and AI & ML tracks), a separate exam is conducted.
- Only students who pass the module exam are awarded the official certification for that module.

- These certifications are mandatory to qualify for placement support.

Retest Opportunity for Failed Students:
Students who do not clear a module exam are allowed to:
- Re-attempt the exam with another batch (if they choose to).
- Regain eligibility for certification and placement by clearing the exam on the second attempt.
- Additional Placement Readiness Activities

In addition to exams, students must actively participate in the following mandatory sessions:
- Presentation Sessions
- Mock Interviews
- Lab Practical's and Hands-on Workshops

Note: Only students who complete all mandatory activities and pass the required evaluations are considered eligible for placement assistance.

What Job Roles Did Students Get Placed In?
Students have secured roles across the entire data stack—from entry-level analytics to advanced AI engineering. Here's a breakdown of each role and what it typically involves:

Data Scientist
- Focus: Building predictive models, machine learning, data mining.
- Skills Used: Python, Scikit-learn, TensorFlow, statistics, data wrangling.
- Output: Business insights from large data sets; predictive analytics models.

Data Analyst:
- Focus: Data cleaning, visualization, reporting, and dashboards.
- Skills Used: Excel, SQL, Power BI, Tableau, Python.
- Output: Analytical reports, visual dashboards, KPIs.

Python Developer:
- Focus: Scripting, backend logic for data workflows, automation.
- Skills Used: Python, APIs, Pandas, Flask.
- Output: Data pipeline scripts, automation tools, backend integrations.

Software Developer:
- Focus: Application and system development using Python and related tech.
- Skills Used: Python, Django/Flask, Git, REST APIs.
- Output: Full-stack or backend web applications.

Data Engineer:
- Focus: Building data pipelines and infrastructure.
- Skills Used: SQL, Python, Hadoop, Spark, Airflow.
- Output: Scalable and reliable data pipelines for data scientists and analysts.

Business Analyst:
- Focus: Requirements gathering, translating business problems into data solutions.
- Skills Used: Excel, SQL, business dashboards, stakeholder communication.
- Output: Strategic recommendations backed by data.

Software Trainer:
- Focus: Teaching data tools and technologies to others.
- Skills Used: Python, Excel, SQL, communication skills.
- Output: Upskilling junior professionals or clients in software/data tools.

MIS Executive:
- Focus: Reporting and maintaining MIS (Management Information Systems).
- Skills Used: Excel, VBA, SQL, Power BI.
- Output: Daily/monthly business performance reports.

AI Engineer / Gen AI Engineer:

- Focus: Building intelligent systems using ML/AI algorithms and LLMs.
- Skills Used: Deep Learning, NLP, Transformers, OpenAI APIs.
- Output: Chatbots, recommendation systems, AI-powered apps.

Project Manager (Analytics):

- Focus: Managing data projects and coordinating cross-functional teams.
- Skills Used: Agile/Scrum, communication, basic analytics tools.
- Output: Timely and efficient execution of analytics projects.

Senior Consultant (Business Analytics):

- Focus: Advising clients on analytics strategy and data transformation.
- Skills Used: Analytics consulting, data storytelling, BI tools.
- Output: Analytics strategy documents, KPI frameworks.

Senior Business Analyst:

- Focus: Leading data-driven business initiatives and mentoring junior analysts.
- Skills Used: Strategic thinking, advanced Excel/SQL, BI tools.
- Output: Business dashboards, insights for CXOs.

How many students got placed?

32 students successfully secured placements.

Which job roles did they get placed in?

Students were placed into a variety of high-demand job roles across the analytics, software, and AI spectrum. These placements were based on each candidate's performance, skills, specialization track (DA, DS, or AI/ML), and interview outcomes.

Here's a list of job roles our students have secured:

- Engineer
- Data Scientist
- Python Developer
- Data Analyst
- Business Analyst
- Data Engineer
- Software Developer
- MIS Executive
- Project Manager (Analytics)
- Senior Consultant (Business Analytics)
- Senior Business Analyst
- Software Trainer
- Data Science (Gen AI Engineer)

How Many Students Got Placed as AI Engineers?

Two students from Bignalytics successfully secured placements as **AI Engineers** after completing the AI & ML track and passing the certification exams:

- **Nishika Pandey**: *Company:* SmartGig
  Location: Hyderabad | *CTC:* ₹5.79 LPA
- **Vanshita Vani**
  Company: Hiteshi Infotech
- *Location:* Not Disclosed | *CTC:* Not Mentioned

How Many Students Got Placed as Data Scientists?

A total of **7 students** were placed in **Data Scientist** roles across various organizations. Here's the detailed list:

- **Ankur Joshi**
  Company: GenioTal Pvt Ltd / MorcYeahs | *CTC:* ₹5 LPA
- **Mayank Jain**
  Company: MapMyIndia | *Location:* Bangalore | *CTC:* ₹3.5 LPA
- **Aditya Desai**
  Company: Infomiez Technologies | *CTC:* Not Mentioned
- **Pooja Jaiswal**
  Company: C9 Lab | *CTC:* Not Mentioned
- **Parth Prajapat**
  Company: BrainSight AI / Ipangram | *Location:* Surat | *CTC:* Not Mentioned
- **Janhavi Pandit**
  Company: AIC Prestige | *CTC:* Not Mentioned
- **Harshit Chourasiya**
  Company: Self-employed |*CTC:* Not Mentioned

These students demonstrated strong proficiency in machine learning, data science modeling, and end-to-end pipeline building through projects and interviews.

How Many Students Got Placed as Python Developers?

Two students from Bignalytics were placed as **Python Developers**, leveraging their programming and backend automation skills:

- **Mufaddal Sethwala**
  Company: Not Mentioned | *CTC:* ₹4 LPA
- **Prateek Choukikar**
  Company: D3V Technology | *Location:* Hyderabad | *CTC:* ₹3 LPA

These roles involved Python-based development, backend integrations, and API design—areas covered extensively in our Python and deployment modules.

How Many Students Got Placed as Data Analysts?

7 students were successfully placed as **Data Analysts**, a role that involves turning raw data into actionable insights, reporting, and dashboarding using tools like Power BI, Excel, Python, and SQL.

Here's the detailed placement list:

- **Dhruv Pahuja** *Company:* Kiyarl Group | *CTC:* ₹3 LPA
- **Anbhav Adhar** *Company:* Agarwal Metals | *CTC:* ₹4.2 LPA
- **Harsh Rathore** *Company:* Blu Moon Universal Pvt Ltd | *CTC:* ₹3.65 LPA
- **Tajeshwar Solanki**
  Company: Innovel Energy Services Pvt Ltd | *CTC:* Not Mentioned
- **Niranjan Karandikar**
  Company: WM Universal Solutions India | *CTC:* ₹9.8 LPA
- **Harshit Chourasiya** *Company:* Self-employed | *CTC:* Not Mentioned
- **Janhavi Pandit** *Company:* AIC Prestige | *CTC:* Not Mentioned

These individuals showcased strong capabilities in SQL queries, Power BI dashboards, and business-facing data storytelling during hiring evaluations.

How Many Students Got Placed as Business Analysts?

4 students secured positions as **Business Analysts**, leveraging their analytical thinking, business acumen, and data interpretation skills.

Placement breakdown:

- **Gaurav Sakar Yen**
  Company: Ascendum Solutions | *CTC:* ₹7 LPA
- **Suraj Sakariya**
  Company: Ascendion Solutions | *CTC:* ₹7 LPA
- **Shubham Rathore**
  Company: Shriram Life Insurance | *CTC:* ₹4 LPA
- **Arpit Bha**
  Company: Jainson Infotech | *CTC:* ₹3.24 LPA

These Business Analysts typically engaged in client-facing work, data strategy, BI reporting, and working cross-functionally with product, sales, and marketing teams.

How Many Students Got Placed as Senior Business Analysts?
1 student secured a role as a **Senior Business Analyst**, typically a mid-to-senior position involving strategic decision-making, advanced analytics, and cross-functional collaboration.

- **Ishan Pandya** *Company:* Nice Acmize | *CTC:* 150%+ Hike (Exact salary not disclosed)

This role reflects advanced capabilities in analytical modeling, business strategy, and stakeholder management, achieved after completing the AI/DS track.

How Many Students Got Placed as Software Developers?
2 students were placed as **Software Developers**, focusing on software engineering, application logic, and integration with data systems.

- **Chetan Sahu**
  Company: ExpertINASIA Pvt Ltd | *CTC:* Not Mentioned
- **Nancy Shrivastava**
  Company: Tata Consultancy Services (TCS) | *CTC:* Not Mentioned

Their placements involved leveraging Python, APIs, and version control (Git), along with solid foundational skills from Levels 1 to 5 of the program.

How Many Students Got Placed as Data Engineers?
Answer: 1 student transitioned into a **Data Engineer** role, typically responsible for building and optimizing data pipelines and databases.

- **Arpit Sahu**
  Company: ZeeData Technology | *CTC:* Not Mentioned

This role requires strong knowledge of SQL, Python, data warehousing, and occasionally cloud platforms—skills emphasized in Levels 5 and 7.

How Many Students Got Placed as MIS Executives?
1 student got placed as an **MIS Executive**, responsible for handling data reporting systems and dashboard tools within organizations.

- **Rajni Bhadoriya**
  Company: Green Energy Pvt Ltd | *CTC:* Not Mentioned

MIS roles often demand proficiency in Excel, Power BI, and dashboard creation—skills primarily covered in Levels 2 and 3 of the DA tracks.

How Many Students Got Placed as Project Managers (Analytics)?
1 student was placed as a **Project Manager (Analytics)**—a strategic leadership role involving data project planning, execution, and delivery.

- **Aman Jain**
  Company: Indus Tower
  CTC: ₹4.35 LPA

This role indicates strong expertise in data workflows, business strategy, team collaboration, and communication—skills cultivated across Levels 4, 5, 7, and 10.

How Many Students Got Placed as Senior Consultants (Business Analytics)?
1 student secured a position as a **Senior Consultant (Business Analytics)** - a client-facing, analytical leadership role focused on business insights and strategic advisory.

- **Satej Panditrao**
  Company: Amnex Infotechnologies | *CTC:* 100%+ Hike

Such roles require not only technical knowledge but also strong business acumen and stakeholder communication, built through hands-on projects and mock client sessions.

How Many Students Got Placed as Software Trainers?
1 student transitioned into a **Software Trainer** role—focusing on teaching and guiding teams in Python, data tools, and basic ML concepts.

- **Anjan Sarkar**
  Company: AU Software Enterprise | *CTC:* ₹3 LPA

This role leverages a deep understanding of software tools and strong communication skills, often emerging from project presentation labs and mentoring sessions.

How Many Students Got Placed as Data Science (Gen AI Engineers)?
students were selected for **Data Science roles specializing in Generative AI**, a highly specialized domain focused on large language models and modern AI systems.

- **Nishika Pandey**
  Company: SmartGig, Hyderabad | *CTC:* ₹5.79 LPA
- **Vanshita Vani**
  Company: Hiteshi Infotech | *CTC:* Not Mentioned

These placements reflect expertise in NLP, Transformers, and Generative AI tools—heavily covered in Level 9 and supported by deployment skills from Level 8.

Are There Any Course-Specific Options Available?
Yes. In addition to the main training programs, Bignalytics offers affordable, skill-specific courses through its mobile app, designed for learners who prefer short, focused, and flexible upskilling modules.
Courses Available on the App Include:

- **Python and Its Libraries**
  (Includes NumPy, Pandas, Matplotlib, etc.)
- **Power BI**
- **Advanced Microsoft Excel**
- **SQL for Data Analysis**

...*and other focused modules tailored to specific tools and business analytics techniques.*
These bite-sized modules are ideal for professionals looking to specialize in a specific area or brush up on particular tools without committing to the full roadmap.
Download the Bignalytics App
Available now on:

- **Google Play Store**
- **Apple App Store**

Start learning at your own pace—anytime, anywhere.

What is Data Analytics and Why Is It Important?

Data Analytics is the process of examining datasets to uncover patterns, trends, correlations, and actionable insights. It plays a vital role in helping organizations make **informed decisions**, **optimize operations**, and **solve business problems** using data-driven approaches.

What Are Data Analytics Projects and What Do They Typically Involve?

Data analytics projects typically follow a structured pipeline:

- **Collecting** raw data from various sources
- **Cleaning and transforming** the data for accuracy
- **Analyzing** patterns, relationships, or anomalies
- **Visualizing** insights through charts, dashboards, or reports

These projects apply across domains like **business**, **finance**, **healthcare**, and **marketing**, enabling organizations to improve outcomes and drive performance.

What Tools Are Commonly Used in Data Analytics Projects?

Common tools used by data analysts include:

- **Excel & Google Sheets** – for tabular analysis and quick dashboards
- **SQL** – for querying and managing databases
- **Python (Pandas, Matplotlib, Seaborn)** – for scripting, automation, and in-depth analysis
- **Power BI & Tableau** – for interactive dashboards and storytelling with data

These tools support various phases from **data preparation** to **visualization**.

What Are Some Beginner-Level Data Analytics Projects?

Here are simple yet effective projects ideal for beginners using **Excel, Google Sheets, or basic Python**:

- **Supermarket Sales Analysis** – Identify top-selling items, revenue trends
- **Personal Expense Tracker** – Manage and categorize monthly expenses
- **Student Grades Dashboard** – Track academic performance across subjects
- **Simple Survey Data Analysis** – Clean and summarize responses
- **Weather Data Visualization** – Create trend charts for temperature, rainfall, etc.

What Are Some Intermediate Data Analytics Projects?

For learners familiar with **Python, SQL, and visualization libraries**, try:

- **Customer Segmentation** – Group users based on purchasing behavior
- **E-commerce Order Analysis** – Identify trends using SQL + Pandas
- **Employee Attendance Analysis** – Automate data cleaning and time tracking
- **Social Media Engagement Insights** – Analyze likes, shares, and comments
- **Retail Inventory Optimization** – Use sales data to suggest stock levels

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What Are Some Professional-Level Data Analytics Projects?

These advanced projects use tools like **Power BI, Tableau**, and **Python** to simulate real-world business problems:

- **Financial Fraud Detection** – Identify anomalies in transaction datasets
- **Sales Forecasting** – Predict future demand with time-series modeling
- **Customer Churn Prediction** – Build models to flag high-risk customers
- **Patient Readmission Analysis** – Use hospital data to reduce readmissions
- **Marketing Campaign Effectiveness** – Analyze ROI and engagement metrics