ISDM Independent Skill Development Mission NXT

Bits & Bytes

★ AI-INTEGRATED COURSE

NXT CERTIFIED DATA ANALYTICS PROFESSIONAL

Unlock your future as a Data Analytics Professional!

Duration: 6 Month | **Certificate** · Intermediate | **Eligibility:** Graduates in any discipline with a basic understanding of st

OVERVIEW OF THE COURSE

The NxT Certified Data Analytics Professional course is designed to equip aspiring data analysts with the essential skills and knowledge needed to excel in the field of data analytics. Over a duration of six months, participants will delve into key concepts, tools, and techniques that are crucial for data-driven decision-making...

- Hands-on training with real-world projects
- Learn data visualization with top tools
- Master statistical methods for analysis
- Gain skills in SQL and machine learning
- Capstone project for practical experience



6 Month DURATION

11 SUBJECTS

4 PROJECTS

12 TOOLS

JOIN NOW →

WhatsApp us

WE ARE AVAILABLE AT
600+ LOCATIONS

NOT SURE WHICH COURSE IS RIGHT FOR YOU?
Choose the Best Course for You - Try our AI-Powered Career Counselling for FREE

Start free →

YOUR NEAREST ISDM NxT CENTRE

Bits & Bytes

Near HDFC Bank, Pasighat, East Siang, Arunachal Pradesh, Arunachal Pradesh - 791102

Call / WhatsApp: **9365246469** · isdmpsg@gmail.com

Scan to enquire

COURSE CURRICULUM

What you will learn

01 Subjects → | 02 Projects → | 03 Tools → | 04 AI Integration

01 Subjects & modules

8 subjects with the topics you will learn

01 Introduction to Data Analytics & Python for Data Analysis

- Data Analytics Concepts, Uses, And Applications
- Analytics Types And Project Workflow
- Analytics Tools And Python Environments
- Jupyter Notebook And Google Colab
- NumPy And Pandas Data Handling
- Data Cleaning And Transformation Techniques
- SQL Queries, Joins, And Reporting

02 Statistics, Probability & Data Visualization

- Descriptive Statistics and Central Tendency
- Measures of Variability
- Interpreting Distributions and Outliers
- Probability Distributions
- Hypothesis Testing and Statistical Tests
- Confidence Intervals
- Data Visualization Tools and Techniques

03 SQL for Data Analytics & Business Intelligence

- SQL Queries, Joins, And Aggregations
- Window Functions, CTEs, And Stored Procedures
- Data Warehousing And ETL
- Business Intelligence Tools And Applications
- Power BI And Tableau Dashboards
- Business Analytics Case Studies
- SQL Customer Behavior Analysis

04 Machine Learning for Data Analytics

- Machine Learning And Learning Types
- Supervised Learning Workflow And Applications
- Regression Techniques
- Classification Algorithms
- Model Evaluation Metrics
- Hyperparameter Tuning
- Customer Churn Model Building

05 Unsupervised Learning & Feature Engineering

- Clustering Fundamentals And Algorithms
- K-Means And Hierarchical Clustering
- Dimensionality Reduction With PCA And t-SNE
- Anomaly And Banking Fraud Detection
- Categorical And Numerical Feature Engineering
- Data Pipelines And Model Deployment
- Customer Segmentation Project

06 Big Data & Cloud Computing for Data Analytics

- Big Data Concepts And Applications
- Hadoop And Distributed Processing
- Apache Spark And Analytics
- NoSQL Database Types And Uses
- Big Data Workflows And Cloud Platforms
- Cloud-Based Machine Learning Deployment
- Serverless Computing And Data Pipelines

07 Time-Series Analysis & Business Forecasting

- Time-Series Concepts And Components
- Time-Series Data Preprocessing
- Statistical Forecasting Methods
- Machine Learning Forecasting Models
- ARIMA And Exponential Smoothing
- Sales And Market Trend Forecasting
- Stock And Demand Prediction

08 Capstone Project & Career Opportunities

- End-To-End Analytics Project Workflow
- Data Collection, Storage, And Preprocessing
- Exploratory Analysis, Visualization, And Reporting
- Predictive Modeling And Evaluation
- Model Deployment, Scaling, And Monitoring
- Data Ethics And Responsible AI
- Career Branding, Resumes, And LinkedIn

02 Projects & assignments

Hands-on work for your portfolio

P1 Conduct a data analysis project using a real dataset.

P2 Create a comprehensive report on findings with visualizations.

P3 Develop a dashboard to track key performance indicators (KPIs).

P4 Collaborate with peers on a group project analyzing business data.

03 Tools & software you will master

4 industry tools

Python

Tableau

Power BI

SQL

04 AI Integration

How AI is used inside the work of this course

AI SUBJECT

AI Fundamentals & Prompt Engineering

- **AI Basics and Everyday Uses**
- **Generative AI: How It Works**
- **Prompt Engineering Foundations**
- **AI for Study and Workplace Tasks**
- **Fact-Checking and Reliable Research**
- **Privacy, Safety and Responsible Use**
- **Integrated Practice and Review**

AI SUBJECT

AI for Office Productivity (Word, Excel, PowerPoint)

- **Safe AI use and prompt basics for office work**
  Microsoft 365 Copilot and Gemini for Google Workspace in Microsoft 365 and Google Workspac
- **AI-assisted documents and email in Microsoft 365**
  Microsoft 365 Copilot in Word: Create, rewrite and summarise a workplace letter or report,
- **AI formulas, data cleaning and analysis in Excel**
  Microsoft 365 Copilot in Excel: Generate or explain formulas, analyse a table and create a
- **AI presentations in PowerPoint and Google Slides**
  Microsoft 365 Copilot in PowerPoint: Create or revise a presentation from a prompt or supp
- **Gemini in Google Workspace: documents, spreadsheets and email**
  Gemini for Google Workspace in Google Docs: Draft, rewrite or summarise a document and ver
- **AI-assisted calendar, meetings and task management**
  Microsoft 365 Copilot in Microsoft Teams, Microsoft To Do and Planner: Review an available
- **AI connectors and office-work automation**
  ChatGPT connectors in Gmail, Google Calendar and Google Drive where supported: Connect an

AI SUBJECT

AI for Data Analytics

- **Analyst Workflow, Data Safety and AI Request Basics**
  ChatGPT, Claude or Gemini in Data-analysis workspace with file upload, when available for
- **AI-Assisted Analysis in Excel**
  Copilot in Excel in Microsoft Excel
- **AI-Assisted Analysis in Google Sheets**
  Gemini in Google Sheets in Google Sheets
- **Analysing Uploaded CSV and Excel Files with AI**
  ChatGPT data analysis in ChatGPT workspace with file upload, when available for the accoun
- **AI-Assisted SQL and Data Verification**
  Gemini in BigQuery in BigQuery SQL workspace
- **AI Dashboards and Reports**
  Copilot in Power BI in Microsoft Power BI · Gemini in Google Sheets with Looker Studio in
- **Automated Reports and Email Summaries**
  AI Builder prompt action in Power Automate · Gemini API in Google Apps Script connected to

AI TOOLS YOU WILL USE

Google Gemini · Microsoft Copilot · ChatGPT · Claude · Power Automate · Zapier · Perplexity · NotebookLM

CAREER OPPORTUNITIES

Where this course can take you

Data Analyst
Fresher salary: ₹2.4-3.6 LPA*

Business Intelligence Analyst
Fresher salary: ₹3.0-4.5 LPA*

Data Scientist
Fresher salary: ₹4.5-6.5 LPA*

Market Research Analyst
Fresher salary: ₹2.8-4.0 LPA*

Data Visualization Specialist
Fresher salary: ₹3.0-4.5 LPA*

Freelancing & own business

- Offer data analysis services to businesses
- Create dashboards for clients
- Conduct market research projects
- Provide training in data analytics tools

Industries that hire

- Information Technology
- Finance
- Healthcare
- E-commerce
- Consulting

Grow further

- Advanced Data Science course
- Specialization in Machine Learning
- Certification in Big Data Technologies

Certification

Upon successful completion, you will receive an ISDM NxT certification, validating your skills in data analytics.

Practical AI-integrated project | **Final online test** | **Verifiable certificate**

JOB SUPPORT

How we help you get a job

1 Resume building assistance

2 Mock interview sessions

3 Access to job offers

4 Guidance on job applications

* Typical fresher salary ranges in India; the actual salary depends on the employer, the city and your skills.

WHY START NOW

Your future is built by the skills you learn today.

Companies hire people who can do the work. People who use AI well at work are in demand - this course teaches you the job skills and the AI tools together. Every month you practise adds a project to your portfolio - the best time to start is now.

18+	600+	2,708+	390+
Years of training experience	Centres across India	Job offers to our students	Hiring companies

UNIQUE FEATURES AT ISDM NxT

- ✓ Free pre-counselling to choose the right course
- ✓ Study material, attendance, assignments, exams and results online from day one
- ✓ 24x7 AI trainer (ChatNxT) for your doubts
- ✓ Experienced, rated trainers and daily class feedback
- ✓ Practical lab sessions and live projects
- ✓ Monthly online mentorship sessions
- ✓ Resume, mock interviews and job offers in your student dashboard
- ✓ Freelancing and start-up guidance

● LIVE PLACEMENT DATA

Latest job offers to ISDM NxT students

Updated 20 Nov 2026



Gaurav M.
India
Java Software Development Engineer
Health Catalyst



Geeta K.
New Delhi
tellecaller for digital marketing
balajimarketingexperts



Anand S.
Muvattupuzha
Hiring Junior Account Executive J...
CorpZop



Adarsh S.
Ghugus
TGT Computer Science
Adani Foundation



Priyanka Y.
Mumbai
Data Entry Operator (Full-time) -...
CorpZop



Rajan S.
Ahilyanagar
Computer Trainer
Enlearning skill development Ltd

Job offers shared with our students through the ISDM NxT job network. See all at isdmnext.in/latest-placement

LIMITED SEATS · VALID TILL 30 NOV 2026

FREE Ambassador Affiliate Programme

Complete your admission within **10 days** and join the ISDM NxT Ambassador Affiliate Programme free of cost: refer friends, earn referral rewards as per the programme and get featured on the ambassador leaderboard.

CLAIM NOW

TAKE THE FIRST STEP

Book your FREE counselling session today

Meet our counsellor, see the lab, get your doubts answered and know the current fees and offers for your centre.

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Try it FREE → isdmnext.in/course-for-you

01
Counselling
Free guidance to pick the right course

02
Training
Practical classes, labs and projects

03
Mentoring
Experts, AI trainer and feedback

04
Placement support
Resume, interviews and job offers

What you get with this course

- Comprehensive study material
- Practical lab sessions
- Live projects for hands-on experience
- 24x7 AI trainer support
- AI career counselling
- Interview preparation resources
- Job offers in student dashboard
- Certification upon completion

ISDM NxT Head Office: 309, Saffron Plaza, Airport Road, Vadodara, Gujarat, 390022 · +916263625594 · inquiry@gmail.com

Fees depend on the centre and current offers - ask your counsellor. Course content may be updated to stay current with industry needs. · isdmnext.in