★ 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
**V tech Academy**
VTECH ACADEMY, FATHIMA TOWER, NARIKKALMUKKU, KALLAMBALAM ROAD, PALACHIRA P.O, VARKALA, TRIVANDRM DISTRICT, KERALA , 695143, Thiruvananthapuram, Kerala - 695143
Call / WhatsApp: **9567444361** · info@vtechbs.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.

YOUR ISDM NxT CENTRE

## V tech Academy

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Scan for course details & enquiry

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### Choose the Best Course for You

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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