

SDBI | School of
Data Science &
Business Intelligence



Think

Future

Think

Data Science

PG Diploma in Data Science & Business Analytics

Accredited by University of Mumbai.

Patkar Varde College, Accredited (A+) by NAAC

Data Science

Large amounts of data are generated by, and available to business and organizations. The ability to understand data, process it, extract value from it, to visualise it, to communicate it sums up the role of a data scientist in the simplest of terms.

Data Science is a multi-disciplinary field that uses statistical methods, scientific processes, algorithms and systems to extract knowledge & insights from structured and unstructured data.

Business Analytics

Business analytics are the people that have the needed knowledge, skills, and sources of information to decide on the direction the business needs to take to succeed in the future.

Graduates in Business Analytics work at large companies, start their own businesses, work in banks or FinTech, web-based business, retail and food companies, media companies, and marketing companies

India's data science market is expected to achieve compound annual growth rate (CAGR) **30%** from 2020 to 2025.
Analytics India Magazine

India is projected to have **1.5 lakhs** job openings for data scientists and analysts by 2026
Economic Times

Global big data and business analytics market is forecasted to reach **\$274.3** billion by 2025
Statista

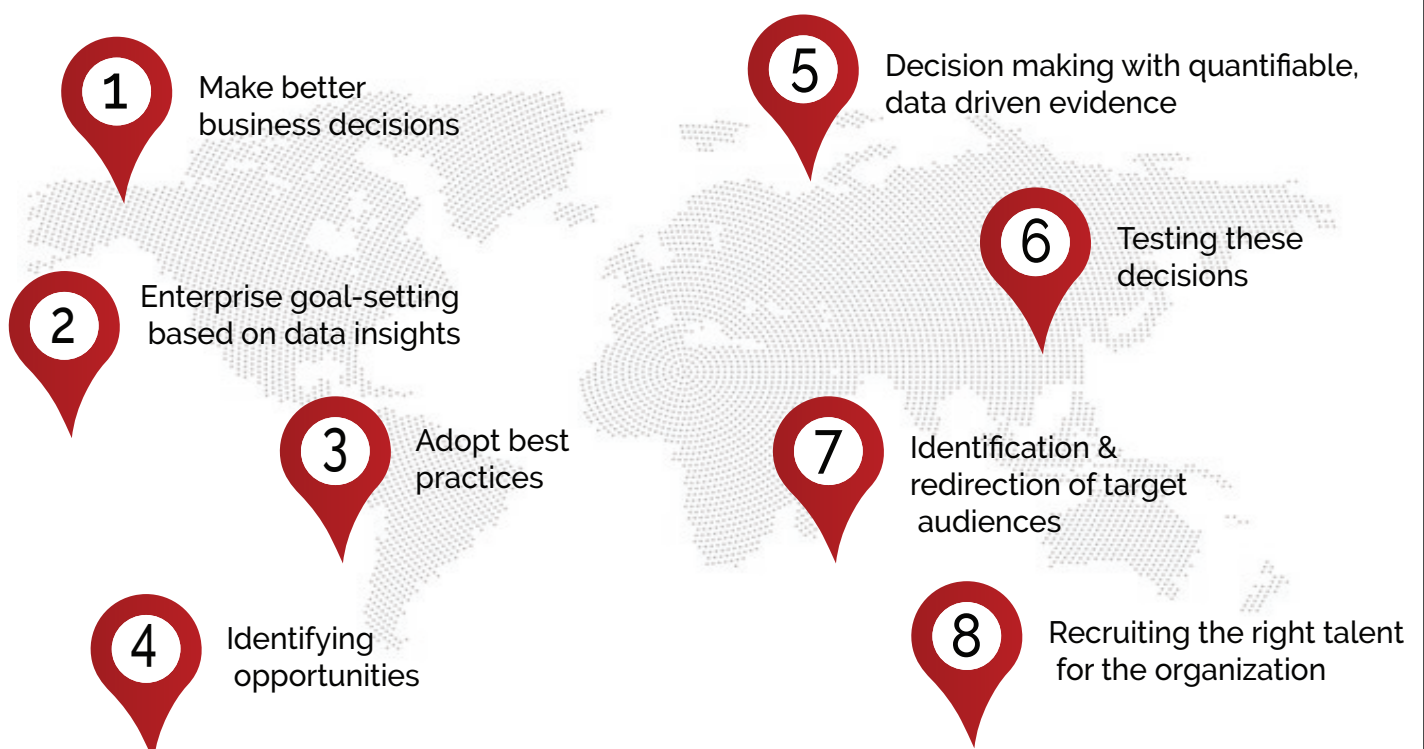
In the US, data science is the second fastest-growing job with a yearly growth rate of **31%**

Deloitte's survey indicates that **70%** of companies intend to boost their investment in data analytics in the coming year.

World Economic Forum (WEF) predicts that the world's most in-demand skills by **2022** will be data analysis and artificial intelligence (AI).

One of the indicators that data science careers are well-suited for the future is the dramatic increase in data science job posts. Statistics from Indeed.com show a steady increase in the number of data science jobs listed over the years. More specifically, there has been a 256 percent increase in them since 2013 which suggests companies recognize the worth of data scientists and want to add them to their teams.

Eight Ways Data Science Adds Value to Any Business



About SDBI

SDBI is a premium educational institution offering new-age practical learning courses in Data Science. We exist with an aim to provide the students with felicitous skills required to excel in the industry, acting as a bridge between industry requirements/demands and supply, we make our students future ready with power packed amalgamation of practical and academic expertise in this field. All the programs are specifically designed and taught by the experts of the industry to bring a sync between education and the workplace realities.

Courses Offered

Courses are open for students from all streams

- B.Sc. in Data Science and Business Analytics
- M.Sc. in Data Science and Big Data Analytics
- PG Diploma in Data Science and Business Analytics

Key Highlights

Pre-Registration fees - 30,000



Faculty

Our faculty comprises seasoned professionals with over 20 years of combined experience from both industry and academia.



Global Reach

Through our international tie-ups & internship programs, students gain access to a global network of opportunities, enhancing their professional growth and development.



Job Ready

Our program is designed to equip students with the skills & knowledge needed to excel in their chosen career paths, ensuring they are ready to hit the ground running upon graduation.



Placement Cell

Our placement cell offers personalized guidance & 100% job placement assistance, helping students navigate their career paths with confidence.



Learning Management System

Our innovative learning platform allows students to access lectures anytime, anywhere, fostering a culture of continuous learning and improvement.



Practical Learning

Our curriculum emphasizes hands-on experience through capstone projects, job-oriented training, and industry connections, ensuring students are well-prepared for the workforce.

Faculty In SDBI



Hameed Ansari

Experienced faculty member with 17+ years of teaching at undergraduate, graduate, and postgraduate levels. Expertise in Database, Data mining, Systems, IoT, Information Governance, Data analytics tools & Computer Networks.



Priya Pednekar

Experienced faculty member with 17+ years of teaching at undergraduate, graduate, and postgraduate levels. Expertise in Database, SQL, Data Mining, Operating Systems, IoT, Information Governance, and Computer Networks.



Awesh Bhornya

Academician and Corporate Trainer specialized in Database and Data Visualization tools such as Excel, SQL, Power BI, and Tableau. Expertise in Online Education, Digital Marketing, Data Analytics, Statistics, Data Visualization, Data Modeling, and Data-Based Dashboards.

Program Overview

The PG Diploma in Data Science & Business Analytics is an 11-month industry-focused programme designed to help graduates and working professionals build practical skills in data science, analytics, and business decision-making. It emphasises hands-on learning, real-world projects, & career-oriented skill development making it equally suitable for fresh graduates exploring the field and professionals planning a domain switch.

Duration 11 Months	Batch Weekend - Sat & Sun	Timing 7:00 AM – 3:00 PM	Credits 48 Credit Points	Mode Classroom + Practical Labs
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Who Should Choose This Program?

For Career Starters & Graduates

- Graduates from any stream looking to enter the Data Science domain
- Students exploring analytics roles and career direction
- Individuals looking to build strong technical & analytical skills

For Working Professionals & Domain Switchers

- Professionals planning a transition into data science or analytics
- Individuals looking to upgrade their skillset in a short duration
- Professionals seeking practical exposure to data-driven decision-making

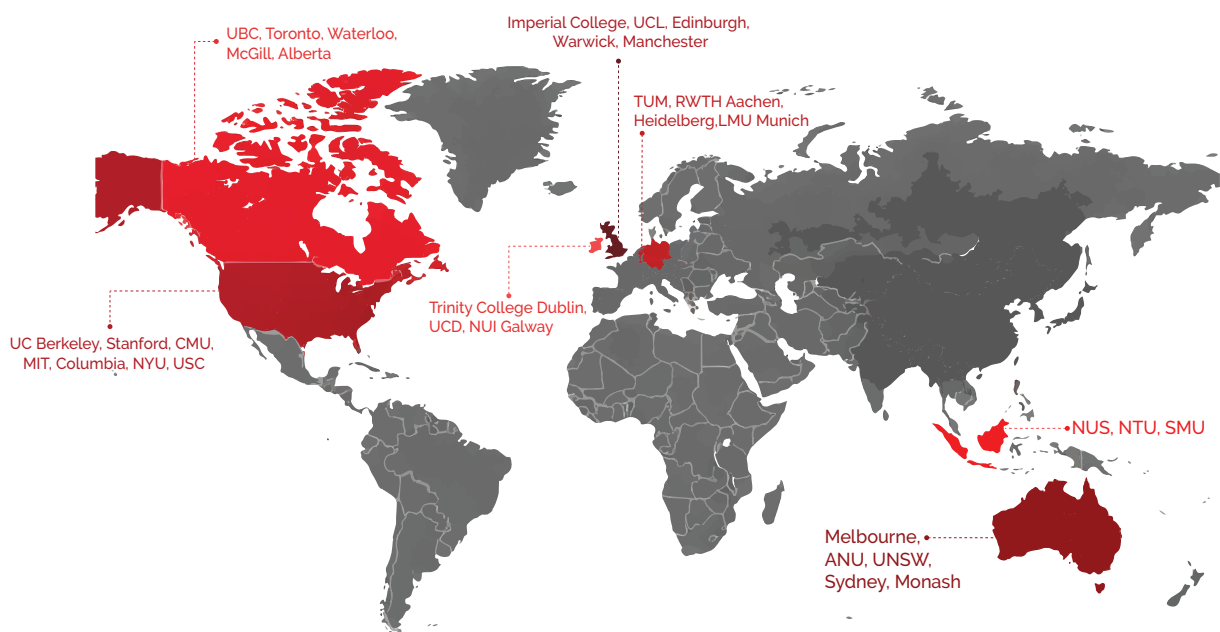
For Higher Education Aspirants

- Students planning Master's programmes abroad who need to complete 16 years of education
- 48 Credit Points awarded — supports applications to international universities
- Strengthens overall academic and technical profile

Open for All Streams

Science | Commerce | Arts | Engineering | Any Graduate
No coding background required — training starts from basics

From SDBI to Top Universities Your Journey Starts Here



Course Curriculum PG Diploma

Course Eligibility

1. Graduate (From any stream)
2. Passionate to build a career in Data Science

Semester 1

1. Statistical Methods
2. Big Data Architecture and Ecosystem
3. Database Management System
4. Data Visualization Using Power BI
5. R Programming
6. Python Programming

Semester 2

1. Machine Learning
2. Time Series Analysis
3. Advanced SQL
4. Natural Language Processing
5. Project Work
6. Electives

Curriculum Projects

Project work – Electives

Financial Analysis | Marketing Analysis

● Predictive Modelling

Stock price prediction, housing price prediction, customer churn prediction

● NLP Applications

Sentiment analysis, topic modelling, text classification

● Machine Learning

Decision trees, neural networks, k-means clustering on real data

● Data Visualisation

Interactive dashboards to communicate complex datasets

● Fraud Detection

Models to detect fraud in financial transactions

● Time Series Analysis

Analysing stock prices, weather patterns, or sales trends

Tools Taught at SDBI

Programming



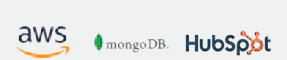
Visualization



Big Data



Cloud & Modern



Industry Internships







- Technology: software development, data science, artificial intelligence, and cloud computing & machine learning
- Finance: investment banking, risk management, and financial analysis.
- Healthcare: medical research, clinical trials, and health informatics
- Marketing: digital marketing, market research, and advertising.
- Retail: management, e-commerce, and sales

What You Will Learn

- Programming for Data Science (Python, R, SQL)
- Data Analysis and Visualization (Power BI, Tableau)
- Business Analytics and Decision-Making Concepts
- Machine Learning Fundamentals and Predictive Analytics
- Working with real-world datasets and industry scenarios
- NLP, Time Series Analysis, and Advanced SQL
- Industry-oriented Capstone Project Work

Career Outcomes

Roles You Can Pursue

-  **Data Analyst**
-  **Business Analyst**
-  **Business Intelligence Analyst**
-  **Junior Data Scientist**
-  **Data Visualization Specialist**
-  **Analytics Associate**

Industries Hiring

-  **Banking & Financial Services**
-  **Technology & IT Services**
-  **Marketing & Digital Analytics**
-  **Healthcare & Research**
-  **E-Commerce & Retail**

Placement & Career Support

Students receive structured career development support throughout the programme. SDBI's placement cell connects students with its industry recruiter network across analytics, technology, and consulting sectors.

Support includes

- Resume building and profile development
- Interview preparation sessions
- Industry-oriented project experience
- Internship opportunities

Recruiter & PPO Highlights

- 60% Pre-Placement Offers (PPO) — students convert internships to full-time roles
- 48 Legacy Recruiters | 12 New Recruiters Added This Year
- Roles secured across Finance (54%), Marketing (22%), HR (14%), Operations (10%)

Note: Placement assistance is provided for all PG Diploma students. 100% placement is not guaranteed; outcomes depend on student performance, profile rating, and active participation.

1. What is the eligibility criteria for admission in PG program?

Direct Admission

Science / Commerce graduates (with Maths) scoring 60% or above

QAT Required

Graduates scoring below 60% in graduation from any stream

QAT — Quantitative Aptitude Test

MCQ-based | Every Saturday 2:00 PM – 4:00 PM | 100 Marks | 50% passing

Syllabus: Mathematics & Statistics (70%) + Verbal/English Ability (30%)

Negative marking: 25%

Registration Fee: ₹1000 for QAT

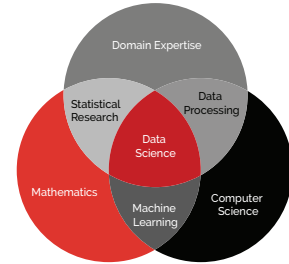


For QAT

Students from Commerce or Science backgrounds (with Mathematics) who have scored more than 60% in graduation are eligible for direct admission

2. How does Diploma in Data Science & Business Analytics differ from Engineering & Computer Science Courses?

Data Science is an amalgamation of Mathematics, Computer Science & Domain Expertise. A combination of machine learning, statistical research & data processing is what makes a data scientist.



3. Fee Structure

Registration Fee: ₹50,000 (inclusive)

Total Programme Fee

1,73,191

Includes: tuition, registration, library, exam, study material & industry training fees

- Fees payable in flexible monthly instalments
- Education loans available: HDFC Bank, ICICI Bank, NKGSB Bank
- Scholarship: Not available for PG Diploma programme

4. Placement Highlights 2025–26

B.Sc. Programme	M.Sc. Programme	PG Diploma
Highest: 11 LPA Average: 6 LPA Median: 4 LPA	Highest: 13 LPA Average: 10 LPA Median: 7 LPA 100% Placed — 2024 Batch	Internship-driven exposure Strong PPO track record Dedicated career support

5. Admission Process

• Register Online

Visit sdbi.in → Click on "Register" → Submit your details → Login → Complete form & upload documents.

• Application Review

Admissions team reviews & issues offer letter

• Secure Your Seat

Pay pre-admission fee (Rs. 30,000) to confirm enrolment

• University Application

Guided by counsellor for Patkar Varde College registration

• College Registration

Complete formal admission & full fee payment

• Enrolment Confirmed

Receive login credentials for LMS & orientation schedule

Empowering Future Leaders Through **International Education**



Advisory Board



Frequently Asked Questions (FAQs)

1) Is this programme recognised?

The PG Diploma is accredited by the University of Mumbai and recognised by organisations and educational institutions globally.

2) How many credits do I earn?

Each subject provides 4 credits. The full programme awards 48 Credit Points, which can support international university applications.

3) Can I study abroad after this programme?

Yes. Completing this diploma fulfils the 16-year education requirement, bridging the gap for Master's applications to universities in the US, UK, Canada, Australia, Germany, and more

4) Is 100% placement guaranteed?

Placement assistance is provided to all students. However, 100% placement is not guaranteed and depends on student performance, profile rating, and active participation.

5) Can I pay fees in instalments?

Yes. Fees can be paid on a monthly instalment basis. Education loans are available through HDFC Bank, ICICI Bank, and NKGSB Bank.

6) Do I need a coding background?

No. The programme starts from fundamentals. Students are trained from basics to advanced analytical techniques regardless of prior experience.

Contact Us-

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